

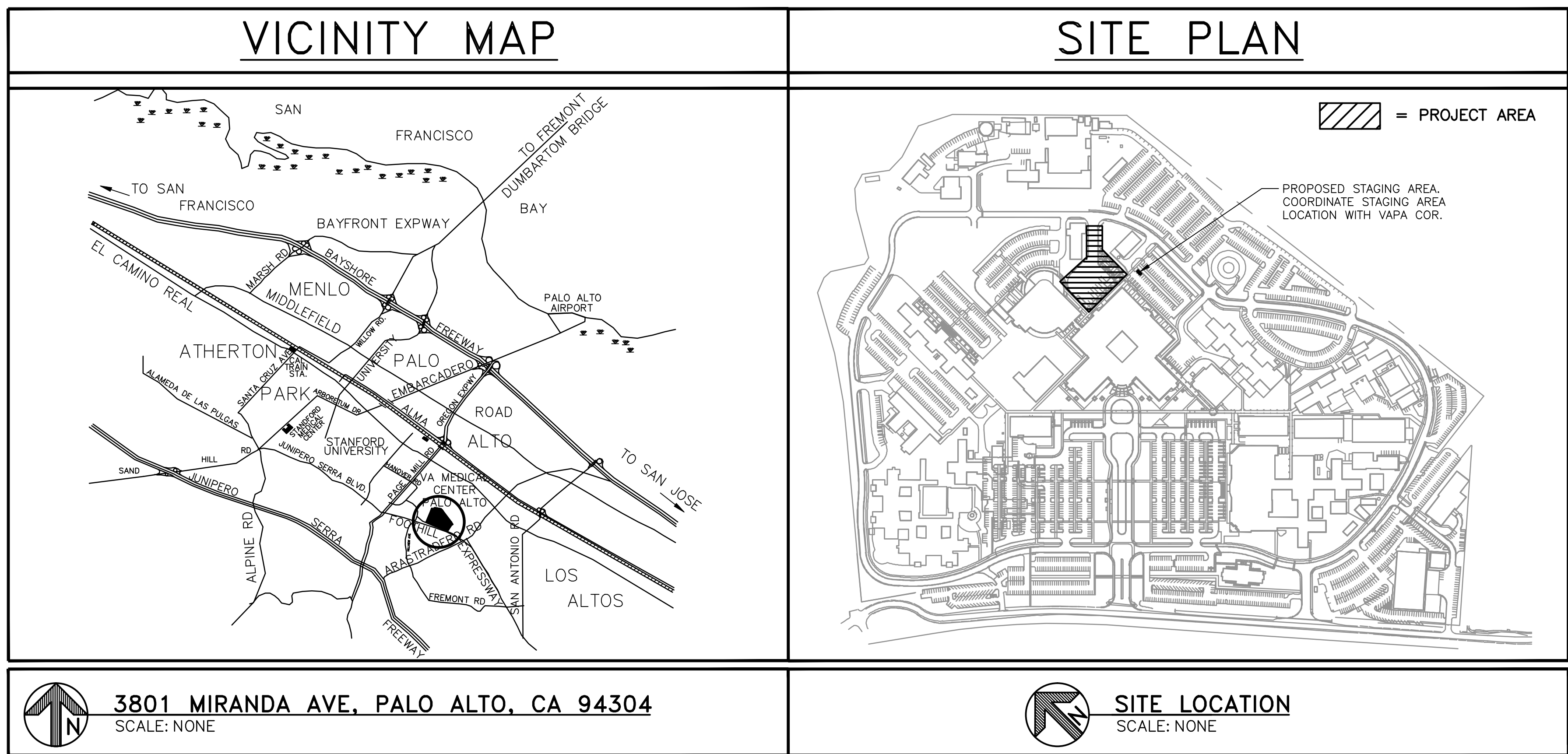
# DEPARTMENT OF VETERANS AFFAIRS

## PALO ALTO

### BUILDING 100

### NEW GUARDRAIL AT LOADING DOCK

### PROJECT NUMBER: 640-13-1-102P



PROJECT DATA	
OCCUPANCY:	N/A
CONSTRUCTION TYPE:	N/A
FIRE PROTECTION:	N/A
NUMBER OF STORIES:	N/A
AREA OF WORK (APPROXIMATE): 900 Linear Feet	

PROJECT DESCRIPTION
THE PROJECT CONSISTS OF THE FOLLOWING:
1. DEMOLITION, ABATEMENT AND REMOVAL OF EXISTING GUARDRAIL.
2. CONSTRUCTION OF APPROXIMATELY 900 LINEAR FEET OF NEW GUARDRAIL AT THE LOADING DOCK AREA FOR BUILDING 100 V.A. PALO ALTO HEALTH CARE SYSTEM.

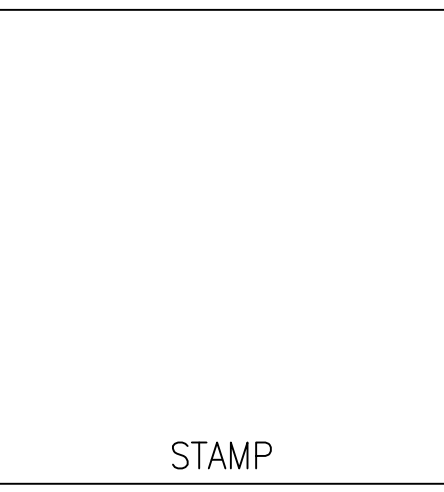
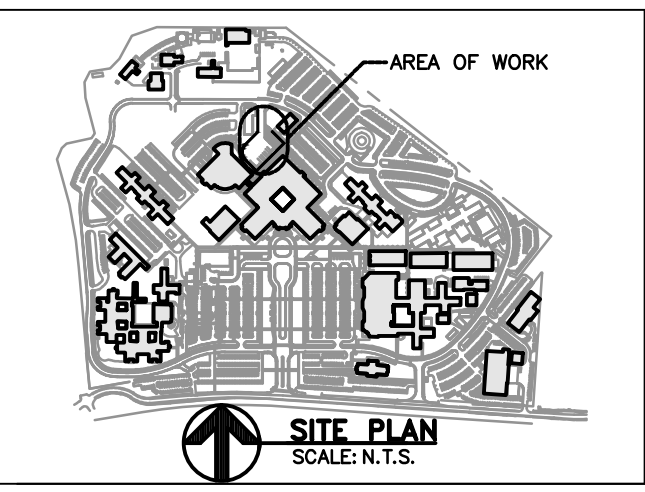
DRAWING INDEX	
NUMBER	DESCRIPTION
GENERAL	
100-G-10-0.0	SITE MAP, VICINITY MAP, DRAWING INDEX, AND PROJECT DESCRIPTION
100-G-10-1.0	VA PALO ALTO FACILITY SITE PLAN AND GENERAL PROJECT NOTES
100-GD-10-1.0	EXISTING GUARDRAIL DEMOLITION
CIVIL	
100-C-10-1.0	TOPOGRAPHIC SURVEY
ARCHITECTURAL	
100-A-30-1.0	NEW GUARDRAIL AND ENLARGED PLANS
100-A-30-2.0	GUARDRAIL ELEVATIONS
100-A-30-2.1	GUARDRAIL ELEVATIONS
100-A-30-3.0	GUARDRAIL ELEVATIONS AND DETAILS

DESIGN & SPECIFICATION REQUIREMENTS	
PG-18-1	MASTER CONSTRUCTION SPECIFICATIONS.
H-18-8	SEISMIC DESIGN HANDBOOK.
	VA Palo Alto Health Care System
	Landscape Master Plan & Design Guidelines.

APPLICABLE CODES
2010 CALIFORNIA BUILDING CODE
2010 CALIFORNIA FIRE CODE
2010 CALIFORNIA MECHANICAL CODE
2010 CALIFORNIA PLUMBING CODE
2010 CALIFORNIA ELECTRIC CODE
2010 NFPA 72
2008 NEC

RE-ISSUE FINAL BID DOCUMENT (13-179)	08/16/13
FINAL BID DOCUMENT (13-169)	07/27/13
65% DESIGN DEVELOPMENT (13-162)	06/21/13
35% SCHEMATIC DEVELOPMENT (13-105)	05/14/13
ISSUE FOR 50% CLIENT REVIEW (13-045)	03/08/13
Revisions	Date

CONSULTANTS:



ARCHITECT/ENGINEERS:



ADVANCE DESIGN  
CONSULTANTS, INC.

998 PARK AVENUE SAN JOSE, CA 95126  
P: (408) 287-1881 F: (408) 294-3186 www.adcengineers.com

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PO# 13-308-23

Drawing Title:  
GENERAL  
SITE MAP, VICINITY MAP, DRAWING  
INDEX AND PROJECT DESCRIPTION

Approved Project Director:

Project Title:  
BUILDING 100  
NEW GUARDRAIL AT LOADING DOCK

Location:  
3801 MIRANDA AVE. PALO ALTO, CA

Date:  
JULY 2013

Checked:  
L. RIOS


Drawn:  
R. RIOS

Project Number:  
640-13-1-102P

Building Number:  
100

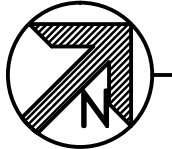
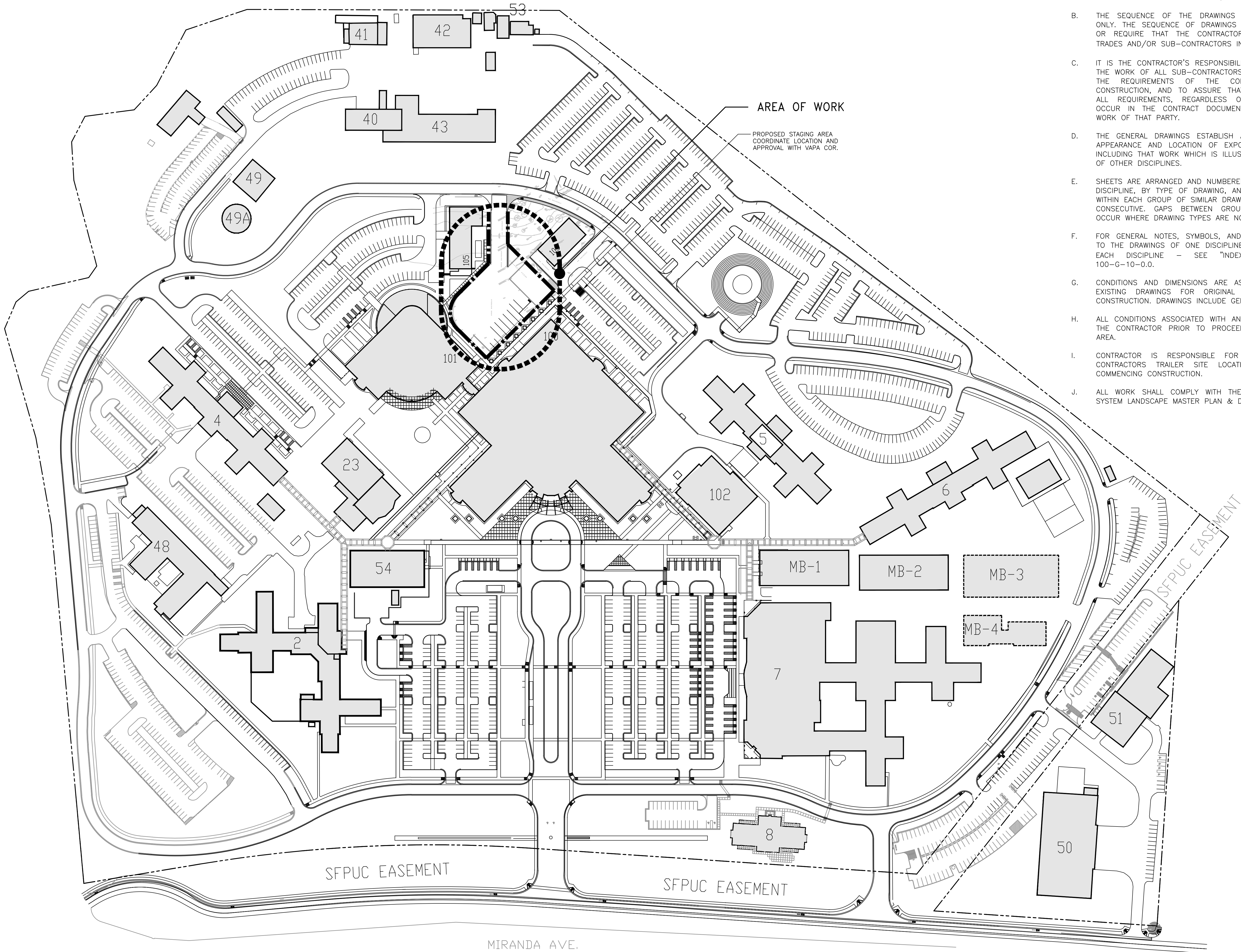
Drawing Number:  
100-G-10-0.0  
Dwg. 1 of 8

Office of  
Construction  
and Facilities  
Management

 Department of  
Veterans Affairs



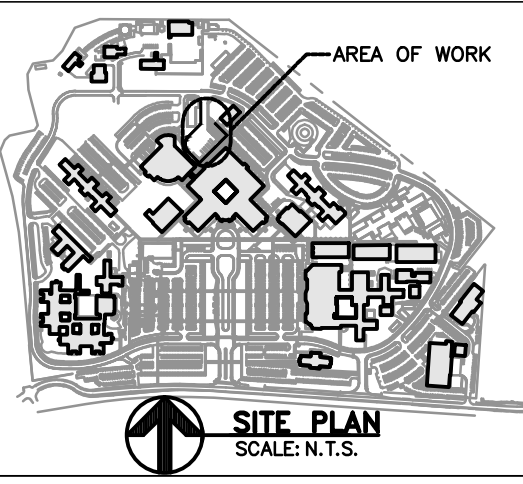
three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot



V.A. PALO ALTO HEALTHCARE SYSTEM SITE PLAN  
SCALE: 1"=100'

RE-ISSUE FINAL BID DOCUMENT (13-179)	08/16/13
FINAL BID DOCUMENT (13-169)	07/27/13
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PO# 13-308-23

Drawing Title:  
GENERAL  
VA PALO ALTO FACILITY SITE PLAN  
AND GENERAL PROJECT NOTES

Approved Project Director:

Project Title:  
BUILDING 100  
NEW GUARDRAIL AT LOADING DOCK

Location:  
3801 MIRANDA AVE. PALO ALTO, CA

Date:  
JULY 2013

Checked:  
L. RIOS

Drawn:  
R. RIOS

Project Number:  
640-13-1-102P  
Building Number:  
100

Drawing Number:  
100-G-10-1.0  
Dwg. 2 of 8

Office of  
Construction  
and Facilities  
Management



PROJECT GENERAL NOTES:

- CONTRACTOR IS RESPONSIBLE FOR ALL THE WORK INDICATED ON THE DRAWINGS. THE WORK DESCRIBED BY THE DRAWINGS OF ANYONE DISCIPLINE MAY BE AFFECTED BY THE WORK DESCRIBED ON DRAWINGS OF ANOTHER DISCIPLINE AND REQUIRE COORDINATION.
- THE SEQUENCE OF THE DRAWINGS IS ORGANIZED BY DISCIPLINES ONLY. THE SEQUENCE OF DRAWINGS IS NOT INTENDED TO SUGGEST OR REQUIRE THAT THE CONTRACTOR DIVIDE THE WORK AMONGST TRADES AND/OR SUB-CONTRACTORS IN A SIMILAR FASHION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW AND COORDINATE THE WORK OF ALL SUB-CONTRACTORS, TRADES, AND SUPPLIERS WITH THE REQUIREMENTS OF THE CONTRACT BEFORE COMMENCING CONSTRUCTION, AND TO ASSURE THAT ALL PARTIES ARE AWARE OF ALL REQUIREMENTS, REGARDLESS OF WHERE THE REQUIREMENTS OCCUR IN THE CONTRACT DOCUMENTS, WHICH MIGHT AFFECT THE WORK OF THAT PARTY.
- THE GENERAL DRAWINGS ESTABLISH AND COORDINATE THE FINISHED APPEARANCE AND LOCATION OF EXPOSED ELEMENTS OF THE WORK, INCLUDING THAT WORK WHICH IS ILLUSTRATED PRIMARILY ON DRAWINGS OF OTHER DISCIPLINES.
- SHEETS ARE ARRANGED AND NUMBERED IN HIERARCHICAL FASHION: BY DISCIPLINE, BY TYPE OF DRAWING, AND THEN BY SEQUENCE NUMBER WITHIN EACH GROUP OF SIMILAR DRAWINGS. SHEET NUMBERS ARE NOT CONSECUTIVE. GAPS BETWEEN GROUPS OF SHEET NUMBERS MAY OCCUR WHERE DRAWING TYPES ARE NOT APPLICABLE TO THE PROJECT.
- FOR GENERAL NOTES, SYMBOLS, AND DEFINITIONS APPLICABLE ONLY TO THE DRAWINGS OF ONE DISCIPLINE, REFER TO THE DRAWINGS OF EACH DISCIPLINE - SEE "INDEX OF DRAWINGS" AT DWG 100-G-10-0.0.
- CONDITIONS AND DIMENSIONS ARE ASSUMED TO BE AS SHOWN ON EXISTING DRAWINGS FOR ORIGINAL CONSTRUCTION AND RETROFIT CONSTRUCTION. DRAWINGS INCLUDE GENERAL, CIVIL AND STRUCTURAL.
- ALL CONDITIONS ASSOCIATED WITH ANY AREA SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO PROCEEDING WITH THE WORK IN THAT AREA.
- CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF THE CONTRACTORS TRAILER SITE LOCATION WITH THE COR BEFORE COMMENCING CONSTRUCTION.
- ALL WORK SHALL COMPLY WITH THE VA PALO ALTO HEALTH CARE SYSTEM LANDSCAPE MASTER PLAN & DESIGN GUIDELINES.

A. EXISTING TREE PROTECTION NOTES:

- DIAMETER OF PROTECTION ZONE SHOULD BE ONE FOOT FOR EACH INCH OF TRUNK DIAMETER, BREAST HEIGHT OR 1/2 HEIGHT OF TREE, WHICHEVER IS GREATER. FOR 2-INCH CALIPER TREES OR SMALLER, THE PROTECTION ZONE SHALL BE 6 FOOT MINIMUM DIAMETER.
- TEMPORARY FENCING (6 FT HIGH) SHALL BE PLACED AT THE DRIP LINE AND PROTECTION ZONE OF THE TREE TO BE SAVED. FENCE SHALL COMPLETELY ENCIRCLE THE TREE(S). TO INSTALL FENCE POSTS, AVOID DRIVING POSTS OR STAKES INTO MAJOR ROOTS.
- DEAD TREES, SCRUB, OR UNDERGROWTH SHALL BE CUT FLUSH WITH ADJACENT GRADE. THERE WILL BE NO SOIL DISTURBANCE UNDER THE DRIP LINE OF TREES TO BE PRESERVED.
- PLACE 6 INCHES OF BARK MULCH AT AREAS NOT PROTECTED BY BARRIER.
- TREATMENT OF ROOTS EXPOSED DURING CONSTRUCTION: FOR ROOTS OVER 1 INCH IN DIAMETER DAMAGED DURING CONSTRUCTION, MAKE A CLEAN STRAIGHT CUT TO REMOVE DAMAGED PORTION OF ROOT. ALL EXPOSED ROOTS SHOULD BE TEMPORARILY COVERED WITH DAMP BURLAP AND COVERED WITH SOIL OR MULCH AS SOON AS POSSIBLE TO PREVENT DRYING.
- NO EQUIPMENT OR MACHINERY SHALL BE USED WITHIN THE PROTECTION FENCE. WORK WITHIN THE PROTECTION ZONE SHALL BE DONE MANUALLY.
- NO STOCKPILING OF MATERIALS, VEHICULAR TRAFFIC, OR STORAGE IS ALLOWED WITHIN THE LIMIT OF THE FENCING.

B. EXISTING LANDSCAPE PROTECTION NOTES:

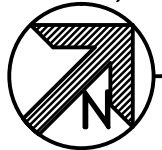
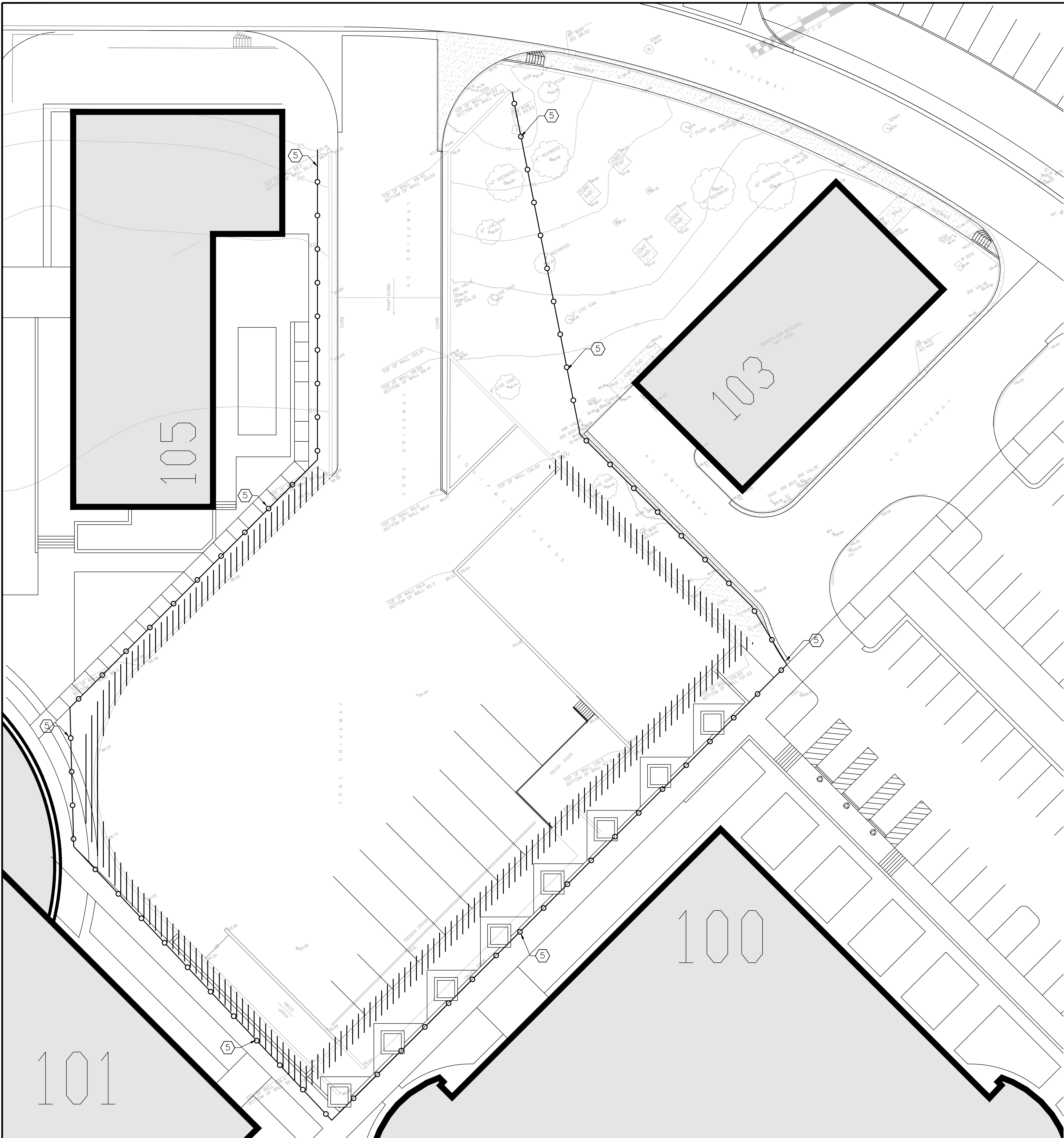
- DURING CONSTRUCTION, KEEP ADJACENT PLANTING AND PAVING CLEAN AND WORK AREA IN AN ORDERLY CONDITION.
- PROTECT EXISTING PLANTS AND IRRIGATION SYSTEM FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS AND OPERATIONS OF OTHER CONTRACTORS AND TRADES. MAINTAIN PROTECTION DURING INSTALLATION AND MAINTENANCE PERIODS. REPAIR OR REPLACE DAMAGED PLANTS AND IRRIGATION COMPONENTS. REPLACEMENT MATERIALS SHALL MATCH EXISTING AND BE APPROVED BY THE GOVERNMENT.
- PROMPTLY REMOVE SOIL AND DEBRIS CREATED BY PROJECT WORK FROM PAVED AREAS. CLEAN WHEELS OF VEHICLES BEFORE LEAVING SITE TO AVOID TRACKING SOIL ONTO ROADS, WALKS, OR OTHER PAVED AREAS.
- ERECT TEMPORARY FENCING OR BARRICADES AND WARNING SIGNS, AS REQUIRED TO PROTECT PLANTED AREAS FROM TRAFFIC. MAINTAIN FENCING AND BARRICADES THROUGHOUT THE CONSTRUCTION PERIOD AND REMOVE AFTER THE COMPLETION OF THE PROJECT.

C. WARRANTY:

- ALL NEW (REPLACEMENT) AND EXISTING PLANTS, AND TURF ARE EXPECTED TO BE IN LIVING AND IN A HEALTHY CONDITION AT THE TIME OF FINAL INSPECTION.
- THE CONTRACTOR SHALL CONDUCT COVERAGE TEST TO DEMONSTRATE THAT THE IRRIGATION SYSTEM IS IN FULL OPERATION AT THE TIME OF FINAL INSPECTION.
- THE CONTRACTOR SHALL REPLACE ANY DEAD PLANT MATERIAL AND ANY AREAS VOID OF TURF IMMEDIATELY. PROVIDE EXTENDED WARRANTY FOR THE PERIOD EQUAL TO THE ORIGINAL WARRANTY OF 1 YEAR, FOR REPLACEMENT PLANT MATERIALS.
- THE GOVERNMENT WILL RE-INSPECT ALL PLANTS AT THE END OF THE WARRANTY PERIOD, AND THE CONTRACTOR WILL REPLACE ANY DEAD, MISSING OR DEFECTIVE PLANT MATERIAL IMMEDIATELY. THE WARRANTY PERIOD WILL END ON THE DATE OF THIS RE-INSPECTION.
- THE CONTRACTOR SHALL ALSO COMPLY WITH THE FOLLOWING REQUIREMENTS:
  - REPLACE PLANTS THAT ARE MORE THAN 25 PERCENT DEAD, MISSING OR DEFECTIVE PLANT MATERIAL PRIOR TO FINAL INSPECTION.
  - LIMIT OF ONE REPLACEMENT OF EACH PLANT WILL BE REQUIRED EXCEPT FOR LOSSES OR REPLACEMENT DUE TO FAILURE TO COMPLY WITH REQUIREMENTS.
  - MULCH AND WEED PLANTING AREAS PRIOR TO FINAL INSPECTION.
  - COMPLETE REMEDIAL MEASURES DIRECTED BY THE CONTRACTING OFFICER'S REPRESENTATIVE TO ENSURE PLANT AND TURF SURVIVAL.
  - REPAIR DAMAGE CAUSED WHILE MAKING PLANT OR TURF REPLACEMENT.
- THE CONTRACTOR AGREES TO REPAIR OR REPLACE PLANTINGS AND ACCESSORIES THAT FAIL IN MATERIALS, WORKMANSHIP OR GROWTH WITHIN THE SPECIFIED WARRANTY PERIOD.



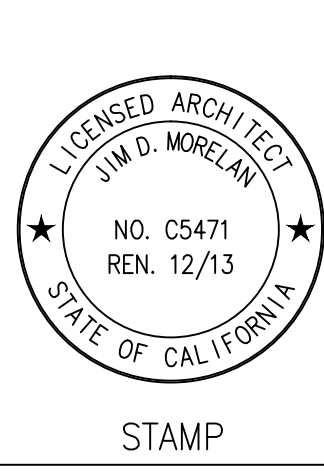
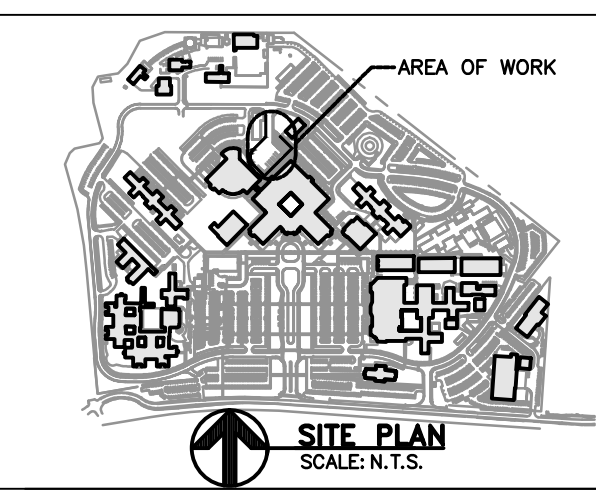
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**EXISTING GUARDRAIL DEMOLITION PLAN**  
SCALE: 1/16"=1'-0"

RE-ISSUE FINAL BID DOCUMENT (13-179)	08/16/13
FINAL BID DOCUMENT (13-169)	07/27/13
65% DESIGN DEVELOPMENT (13-162)	06/21/13
35% SCHEMATIC DEVELOPMENT (13-105)	05/14/13
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Revisions	Date

**CONSULTANTS:**



**ARCHITECT/ENGINEERS:**



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PO# 13-308-23

Drawing Title:  
**GENERAL  
EXISTING GUARDRAIL DEMOLITION**

Approved Project Director:

Project Title:  
**BUILDING 100  
NEW GUARDRAIL AT LOADING DOCK**

Location:  
**3801 MIRANDA AVE. PALO ALTO, CA**

Date:  
**JULY 2013**

Checked:  
**L. RIOS**

Drawn:  
**R. RIOS**

Project Number:  
**640-13-1-102P**

Building Number:  
**100**

Drawing Number:  
**100-GD-10-10  
Dwg. 3 of 8**

Office of  
Construction  
and Facilities  
Management



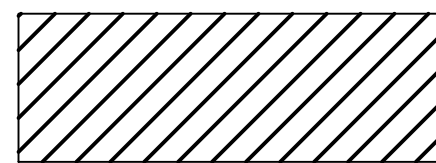
**DEMOLITION NOTES:**

- CONTRACTOR SHALL ABATE LEAD PAINT BEFORE CUTTING STEEL RAIL TO PREVENT DISPERSION OF LEAD ON GOVERNMENT PROPERTY. PLEASE REFER TO LEAD ABATEMENT SPECIFICATIONS. CONTRACTOR MAY REMOVE GUARDRAIL WITH EXISTING PAINT AND ABATE / DISPOSE OFF SITE IN CONFORMANCE TO APPLICABLE STATE AND COUNTY REQUIREMENTS.
- CAREFULLY CUT GUARDRAIL POST FLUSH WITH CONCRETE WALL, REPAIR HOLE WITH EXTERIOR NON-SHRINKING GROUT. CONTRACTOR TO ENSURE GROUT IS FLUSH TO TOP OF EXISTING CONCRETE WALL.
- CONTRACTOR SHALL DEMOLISH AND REMOVE APPROXIMATELY 900 LINEAR FEET OF EXISTING GUARDRAIL, APPROXIMATELY 6'-4" HIGH.
- CONTRACTOR SHALL EXERCISE EXTREME CARE NOT TO DAMAGE EXISTING CONCRETE WALL, LANDSCAPE, PLANTERS AND OTHER WORK TO REMAIN. CONTRACTOR TO REPAIR ANY DAMAGE CAUSED DURING DEMOLITION AND CONSTRUCTION WORK.
- CONTRACTOR SHALL INSTALL TEMPORARY FENCE TO PROTECT PERSONNEL DURING DEMOLITION AND INSTALLATION WORK. PROJECT REQUIRES TO BE FINISHED IN PHASES AS INSTRUCTED BY COR. ALLOW ACCESS TO BUILDINGS 100, 101, 103 AND 105 DURING GUARDRAIL INSTALLATION PROJECT. ENSURE THAT BOTH ENDS OF TEMPORARY FENCE ARE SECURED TO COMPLETELY ENCLOSE THE PROJECT AREA UNDER CONSTRUCTION.

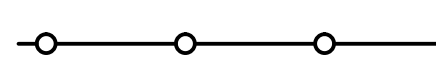
**GENERAL DEMOLITION NOTES:**

- DRAWING OF EXISTING CONDITIONS HAVE BEEN COMPILED FROM EXISTING RECORD DOCUMENTS AVAILABLE SUPPLIED BY THE COR. THE ARCHITECT AND ENGINEER (A/E) FIRM MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, FOR THE ACCURACY OF THE COMPLETENESS OF THE EXISTING INFORMATION RECORDED. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND NOTIFY COR IMMEDIATELY OF ANY DISCREPANCIES OR CONFLICTS THAT MIGHT ARISE IN THE COURSE OF THE DEMOLITION WORK.
- CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING LANDSCAPING, IRRIGATION PLUMBING AND ELECTRICAL UTILITIES. LOCATE AND PROTECT UTILITIES TO REMAIN. REFER TO CONSTRUCTION DRAWINGS FOR ANY ADDITIONAL INFORMATION. CONTRACTOR SHALL NOTIFY TO THE COR OF ANY UTILITY INTERFERENCE IN THE PROJECT AREA.
- ALL EXISTING BUILDING UTILITIES SHALL REMAIN IN OPERATION DURING CONSTRUCTION, INCLUDING LANDSCAPING SYSTEM. PROVIDE REROUTING OF UTILITIES SERVING ADJACENT AREAS THAT ARE TO MAINTAIN UNINTERRUPTED SERVICE. ANY TEMPORARY SUSPENSION OF SERVICE SHALL BE COORDINATED AND APPROVED BY THE COR NOT LESS THAN 2 WEEKS IN ADVANCE.
- THE DEMOLITION PLAN KEYNOTES ARE DIAGRAMMATIC AND GENERAL IN NATURE. THE INTENT IS TO ILLUSTRATE THE COMPLETE DEMOLITION OF THE SPACES INDICATED UNLESS NOTED OTHERWISE. FIELD VERIFICATION OF EXISTING CONDITIONS AND SPECIFIC QUANTITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- REMOVAL AND DISPOSAL OF DEMOLITION DEBRIS IS THE RESPONSIBILITY OF THE CONTRACTOR. VERIFY THE HAULING ROUTE THROUGH THE BUILDING. CONTRACTOR SHALL COORDINATE THE LOCATION OF THE DEMOLITION STAGING AREA, AND THE LOCATION OF THE DUMPSTER WITH THE OWNER PRIOR TO THE START OF DEMOLITION. DISPOSAL OF RUBBISH SHALL BE DONE IN A LEGAL MANNER DETERMINE DURING 1ST MEETING.
- THE VAPA RESERVES THE RIGHT TO SALVAGE ANY DEMOLISHED ITEM. VERIFY ITEMS TO BE SALVAGED WITH THE COR PRIOR TO THE START OF DEMOLITION. REMOVE, PROTECT, CLEAN REPAIR FOR REUSE AND RETURN SUCH ITEMS TO BUILDING STOCK.
- PROTECT ADJACENT SPACES NOT SCHEDULED FOR DEMOLITION. PATCH AND REPAIR DAMAGED FINISHES, ITEMS AND FIXTURES TO REMAIN AND/OR REPLACE IN KIND TO MATCH EXISTING FROM DAMAGE DURING THE PROGRESS OF THE WORK.
- CONTRACTOR SHALL PROVIDE TEMPORARY SAFETY BARRIERS REQUIRED BY CAL/OSHA & FEDERAL OSHA AND AS INDICATED TO INSURE PUBLIC SAFETY AND TO ALLOW BUILDING OCCUPANCY. CONTRACTOR TO SUBMIT FOR APPROVAL, BARRIER LOCATIONS, AND METHOD OF CONSTRUCTION TO THE COR PRIOR TO INSTALLATION.
- PROVIDE ADEQUATE SHORING, BRACING, BARRICADES AND PROTECTIVE MEASURES AS REQUIRED TO SAFELY EXECUTE THE WORK IN THE CONSTRUCTION AREA AND THE AREAS ADJACENT TO THE CONSTRUCTION AREA. CEASE OPERATIONS AND NOTIFY THE ARCHITECT IMMEDIATELY IF THE STRUCTURE APPEARS TO BE ENDANGERED. DO NOT RESUME OPERATIONS UNTIL CORRECTIVE MEASURES HAVE BEEN TAKEN.
- CONTRACTOR SHALL MAINTAIN REQUIRED MEANS OF EGRESS TO ADJACENT BUILDINGS AND ENSURE THAT EXIT ROUTES ARE SIGNED, LIGHTED AND PROTECTED IN ACCORDANCE WITH CODE REQUIREMENTS. RELOCATE EXISTING AND/OR PROVIDE SMOKE PROTECTORS AND LIFE SAFETY EQUIPMENT FOR ADEQUATE COVERAGE.
- CUT RIGID MATERIALS USING ELECTRIC SAW. PNEUMATIC TOOLS ARE NOT ALLOWED WITHOUT PRIOR APPROVAL OF COR.
- APPLY EXTERIOR NON-SHRINKING GROUT TO PATCH AS REQUIRED TO FILL OPENINGS, DINGS, NAIL HOLES, CHIPS AND CRACKS.
- CONTRACTOR IS RESPONSIBLE FOR BUILDING SECURITY DURING DEMOLITION PHASE AND GUARDRAIL INSTALLATION PHASE TO ENSURE A FAIL SAFE CONDITION.
- THE ARCHITECT AND ENGINEER (A/E) FIRM ASSUMES NO RESPONSIBILITY RELATING TO ANY TOXIC MATERIALS, INCLUDING LEAD, AND ASSUMES NO RESPONSIBILITY TO ITS EXISTENCE OR REMOVAL. THE OWNER WILL TAKE ACTION FOR DIRECTLY CONTRACTING WITH A CONSULTANT OR SPECIALIST, LICENSED BY THE STATE, FOR SUCH SERVICES SHOULD THOSE SERVICES BE REQUIRED IN THE PROJECT.
- CONTRACTOR IS RESPONSIBLE FOR LEAD ABATEMENT AND REMOVAL. OWNER IS RESPONSIBLE FOR OTHER TOXIC MATERIALS IF FOUND.

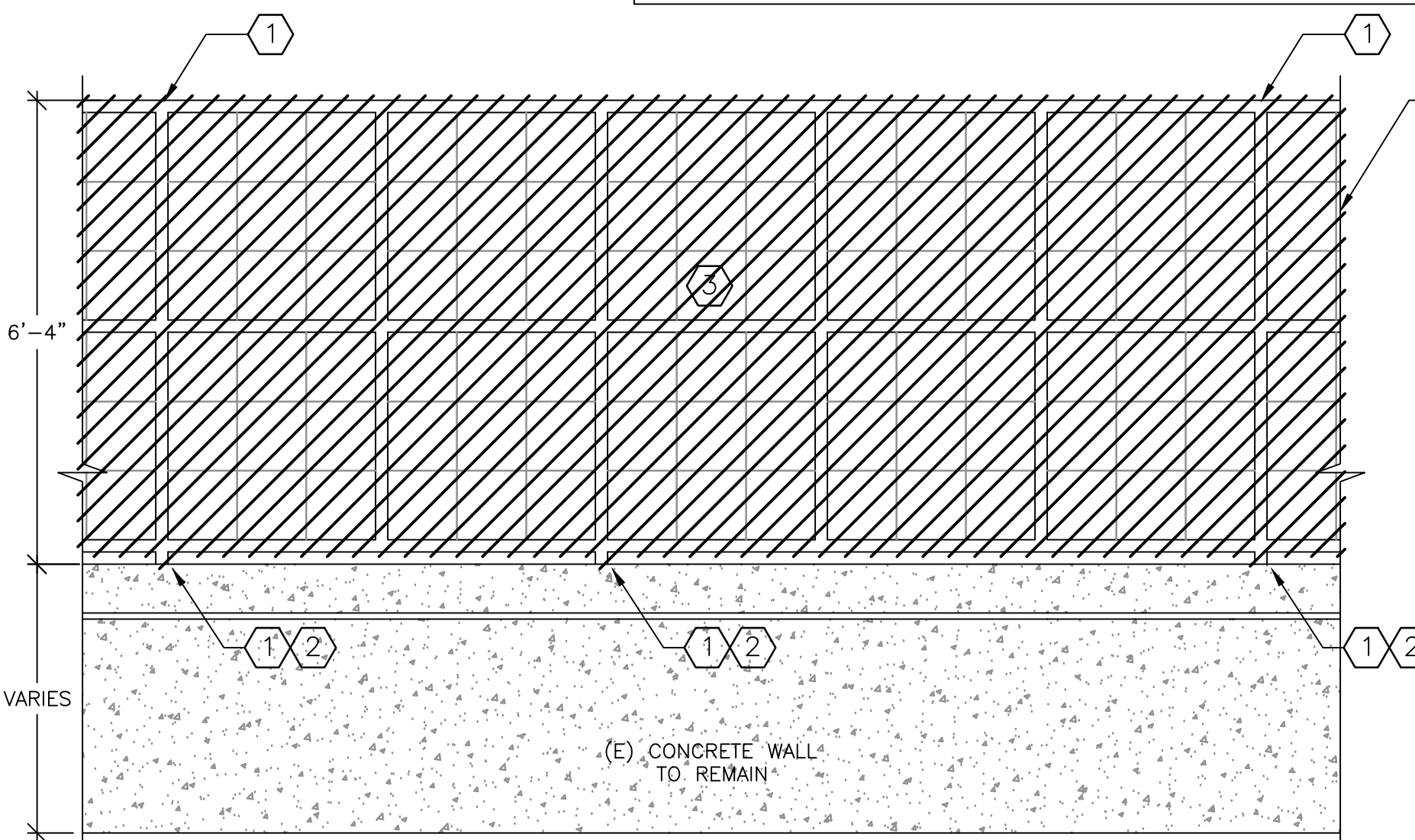
**LEGEND:**



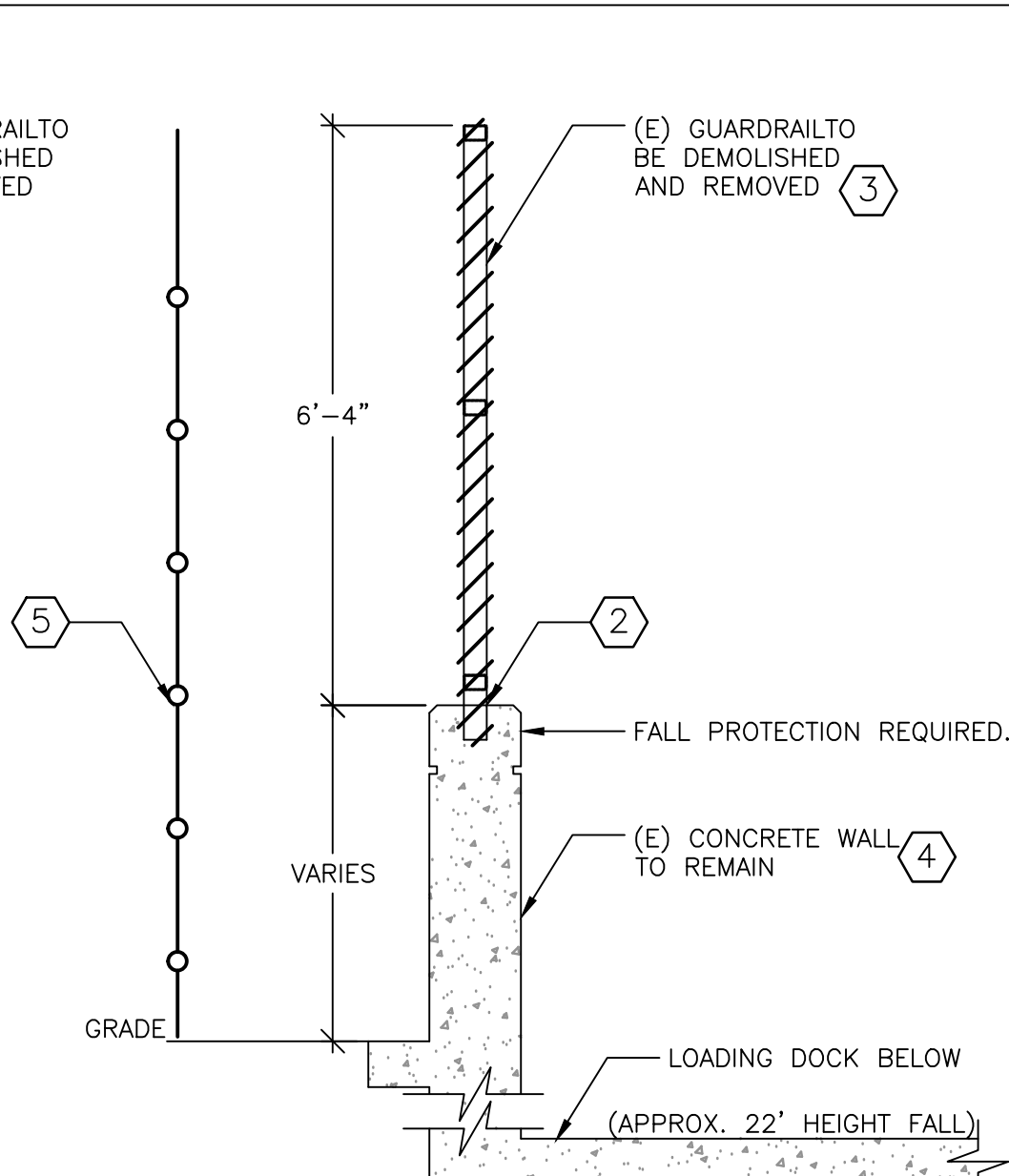
TO BE DEMOLISHED



PROPOSED TEMPORARY FENCE



**1 PARTIAL GUARDRAIL ELEVATION**  
SCALE: 1/2" = 1'-0"



**2 GUARDRAIL SECTION**  
SCALE: 1/2" = 1'-0"

NOTES

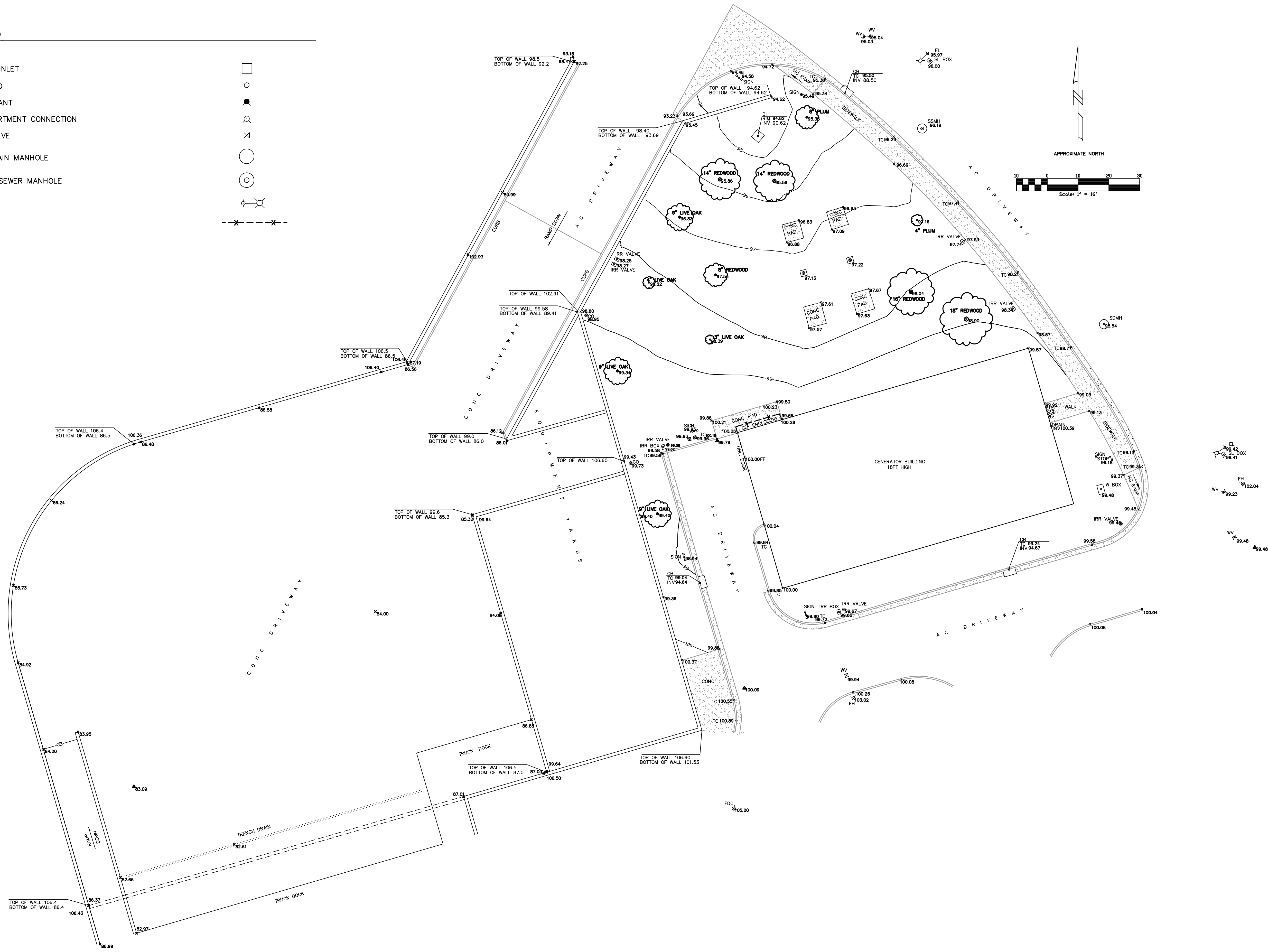
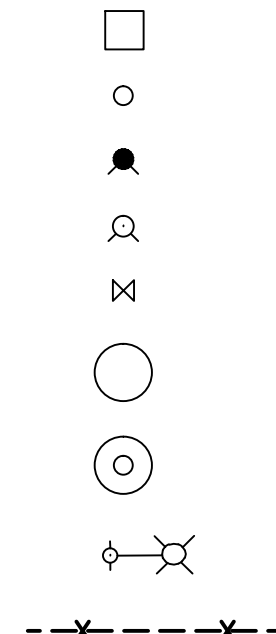
1. CONTRACTOR SHALL CONTACT U.S.A. AT LEAST 48 HOURS PRIOR TO EXCAVATING IN ANY AREA WHERE UNDERGROUND FACILITIES ARE LOCATED. PHONE (800)642-2444.
2. THE EXISTENCE, LOCATION AND ELEVATION OF ANY UNDERGROUND UTILITIES ARE SHOWN IN A GENERAL WAY ONLY. IT WILL BE THE RESPONSIBILITY AND DUTY OF THE CONTRACTOR TO MAKE FINAL DETERMINATIONS AS TO THE EXISTENCE, LOCATION AND ELEVATION OF ALL UTILITIES.
3. TEMPORARY BENCHMARK (TBM):  
FINISH FLOOR @ BUILDING ENTRY WEST SIDE. ELEV ASSUMED = 100.00
4. DATE OF SURVEY: 12-18-12 & 06-18-13 (ADD DOCK AREA WALLS)
5. ALL TREE SIZES AND CANOPIES ARE APPROXIMATE.

ABBREVIATIONS

CB CATCH BASIN  
CLF CHAIN LINK FENCE  
CO CLEAN OUT  
CONC CONCRETE  
DBL DOUBLE  
DI DROP INLET  
FDC FIRE DEPARTMENT CONNECTION  
FF FINISH FLOOR  
FH FIRE HYDRANT  
HC HANDICAP  
INV INVERT  
IRR IRRIGATION  
MH MANHOLE  
SD STORM DRAIN  
SLB STREET LIGHT BOX  
SS SANITARY SEWER  
SSCO SANITARY SEWER CLEANOUT  
TC TOP OF CURB  
W WATER  
WV WATER VALVE

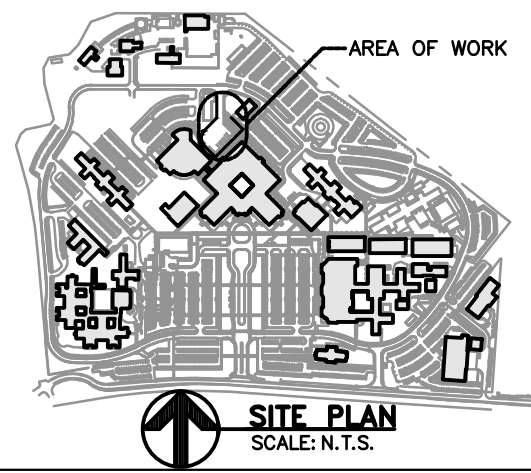
LEGEND

DRAINAGE INLET  
SSCO/SDCO  
FIRE HYDRANT  
FIRE DEPARTMENT CONNECTION  
WATER VALVE  
STORM DRAIN MANHOLE  
SANITARY SEWER MANHOLE  
ELECTROLIER  
FENCE



Revisions	Date
RE-ISSUE FINAL BID DOCUMENT (13-179)	08/16/13
FINAL BID DOCUMENT (13-169)	07/27/13
65% DESIGN DEVELOPMENT (13-162)	06/21/13
35% SCHEMATIC DEVELOPMENT (13-105)	05/14/13
ISSUE FOR 50% CLIENT REVIEW (13-045)	03/08/13

CONSULTANTS:



ARCHITECT/ENGINEERS:



998 PARK AVENUE SAN JOSE, CA 95126  
P: (408) 287-1881 F: (408) 294-3186 www.adcengineers.com

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PO# 13-308-23

Drawing Title:  
CIVIL  
TOPOGRAPHIC SURVEY

Approved Project Director:

Project Title:  
BUILDING 100  
NEW GUARDRAIL AT LOADING DOCK

Location:  
3801 MIRANDA AVE. PALO ALTO, CA

Date:  
JULY 2013

Checked:  
P. AUGER

Drawn:  
DN. ME21

Project Number:  
640-13-1-102P

Building Number:  
100

Drawing Number:  
100-C-20-10

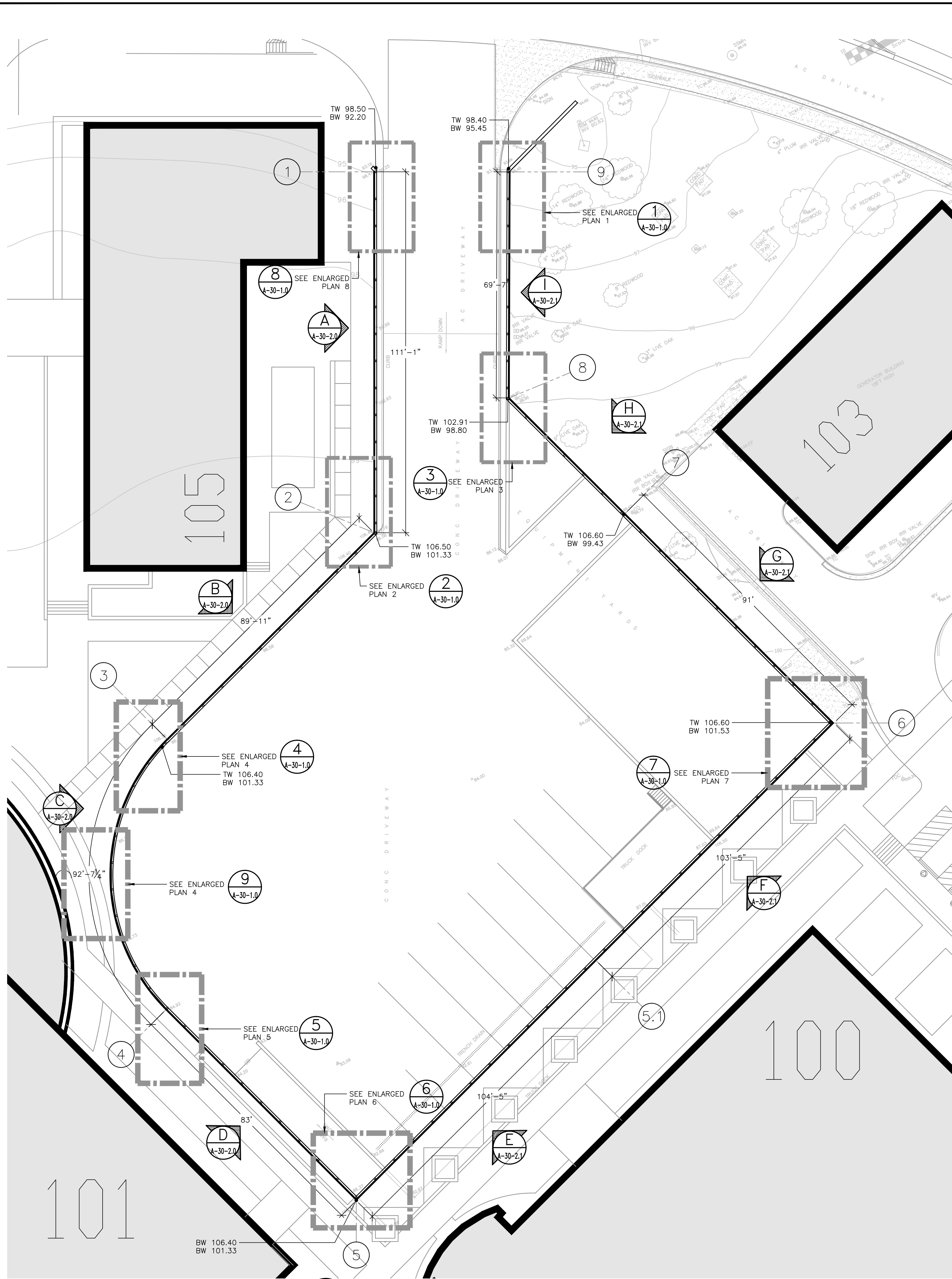
Dwg. 4 of 8

Office of  
Construction  
and Facilities  
Management





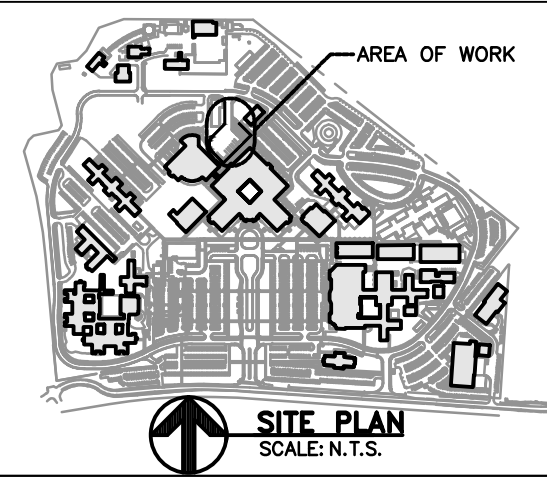
one eighth inch = one foot  
one quarter inch = one foot  
three eighths inch = one foot  
one half inch = one foot  
three quarters inch = one foot  
one inch = one foot  
one and one half inches = one foot  
two inches = one foot  
three inches = one foot



**NEW GUARDRAIL PLAN**  
SCALE: 1/16" = 1'-0"

Revisions	
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Date	

**CONSULTANTS:**



**ARCHITECT/ENGINEERS:**



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PO# 13-308-23

**Drawing Title:**

**ARCHITECTURAL  
NEW GUARDRAIL PLAN  
AND ENLARGED PLANS**

**Approved Project Director:**

**Project Title:**

**BUILDING 100  
NEW GUARDRAIL AT LOADING DOCK**

**Location:**

**3801 MIRANDA AVE. PALO ALTO, CA**

**Date:**

**JULY 2013**

**Checked:**

**L. RIOS**

**Drawn:**

**J. AGUIRRE**

**Project Number:**

**640-13-1-102P**

**Building Number:**

**100**

**Drawing Number:**

**100-A-30-1.0**

**Dwg. 5 of 8**

**Office of  
Construction  
and Facilities  
Management**

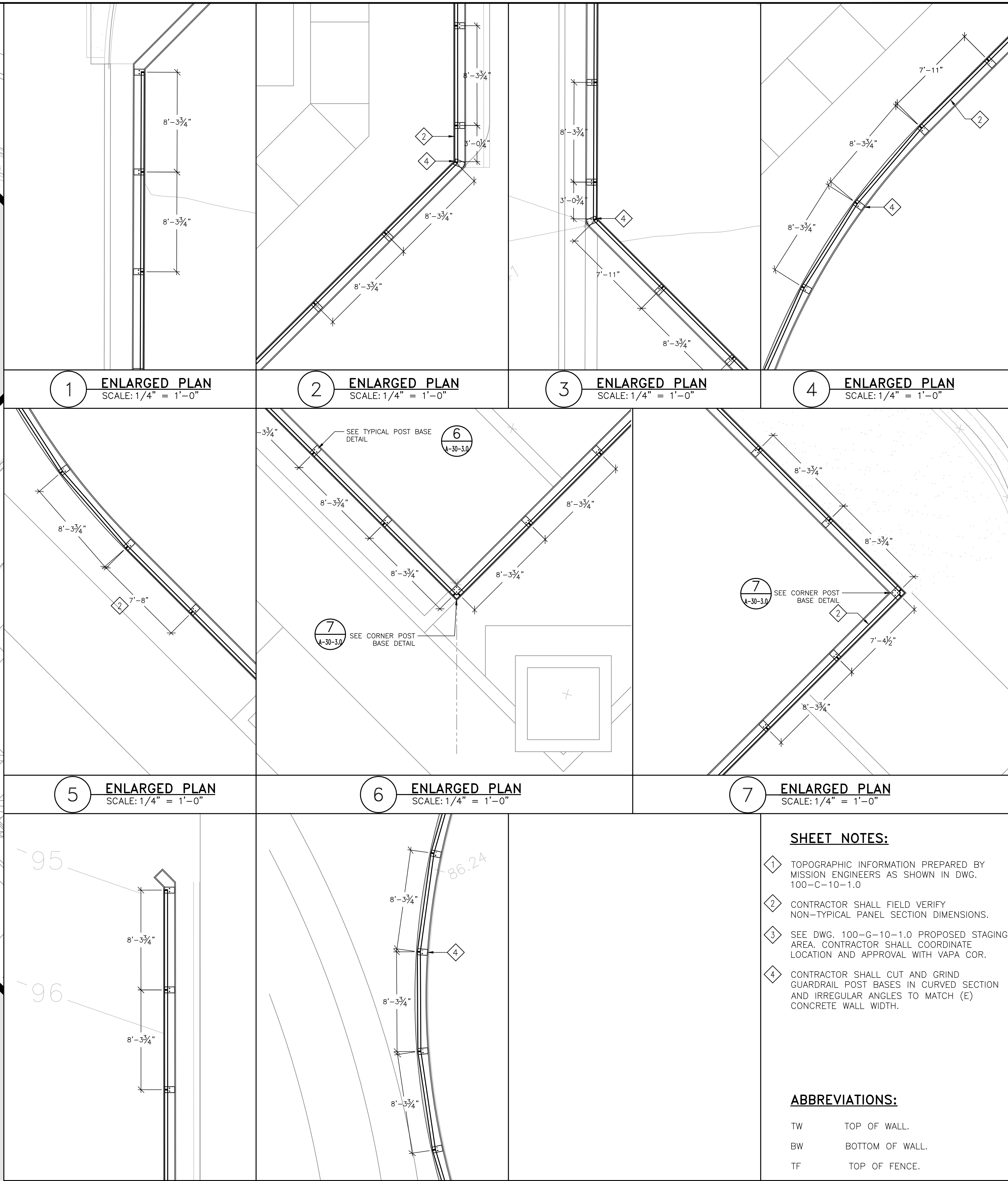


**SHEET NOTES:**

- TOPOGRAPHIC INFORMATION PREPARED BY MISSION ENGINEERS AS SHOWN IN DWG. 100-C-10-1.0
- CONTRACTOR SHALL FIELD VERIFY NON-TYPICAL PANEL SECTION DIMENSIONS.
- SEE DWG. 100-G-10-1.0 PROPOSED STAGING AREA. CONTRACTOR SHALL COORDINATE LOCATION AND APPROVAL WITH VAPA COR.
- CONTRACTOR SHALL CUT AND GRIND GUARDRAIL POST BASES IN CURVED SECTION AND IRREGULAR ANGLES TO MATCH (E) CONCRETE WALL WIDTH.

**ABBREVIATIONS:**

TW TOP OF WALL.  
BW BOTTOM OF WALL.  
TF TOP OF FENCE.



**1 ENLARGED PLAN**  
SCALE: 1/4" = 1'-0"

**2 ENLARGED PLAN**  
SCALE: 1/4" = 1'-0"

**3 ENLARGED PLAN**  
SCALE: 1/4" = 1'-0"

**4 ENLARGED PLAN**  
SCALE: 1/4" = 1'-0"

**5 ENLARGED PLAN**  
SCALE: 1/4" = 1'-0"

**6 ENLARGED PLAN**  
SCALE: 1/4" = 1'-0"

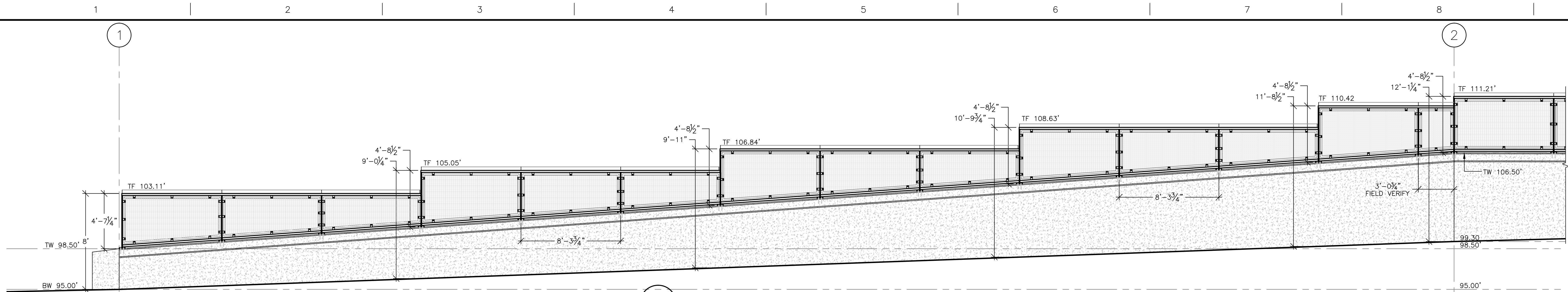
**7 ENLARGED PLAN**  
SCALE: 1/4" = 1'-0"

**8 ENLARGED PLAN**  
SCALE: 1/4" = 1'-0"

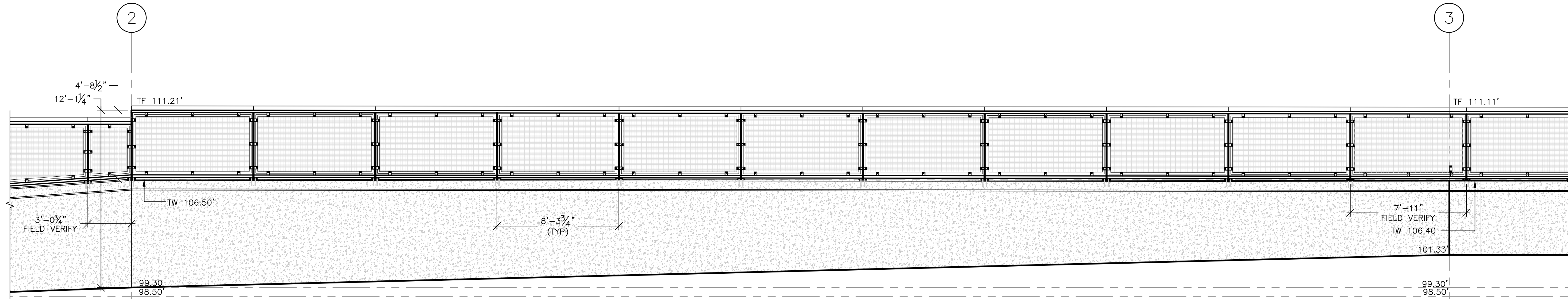
**9 ENLARGED PLAN**  
SCALE: 1/4" = 1'-0"



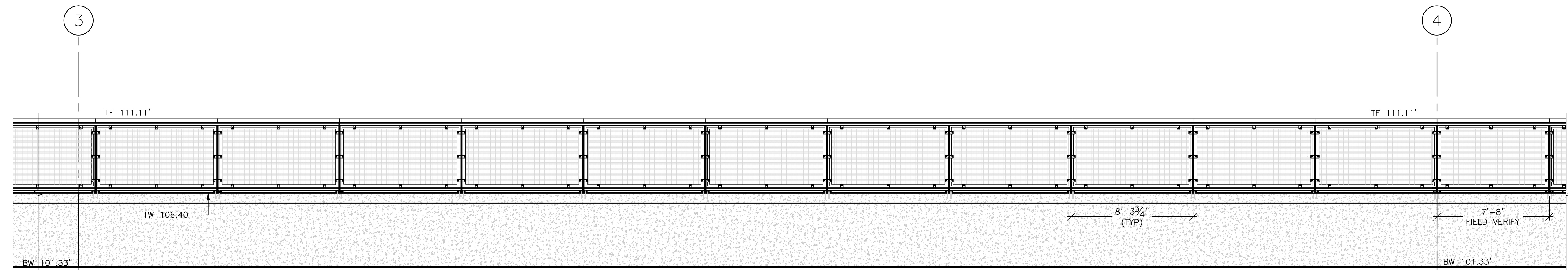
three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot



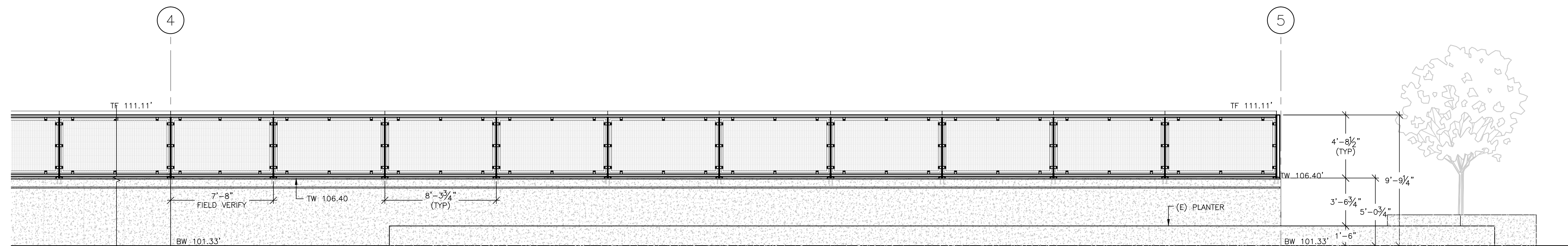
A GUARDRAIL PROGRESSIVE ELEVATION  
SCALE: 1/4" = 1'-0"



B GUARDRAIL PROGRESSIVE ELEVATION  
SCALE: 1/4" = 1'-0"



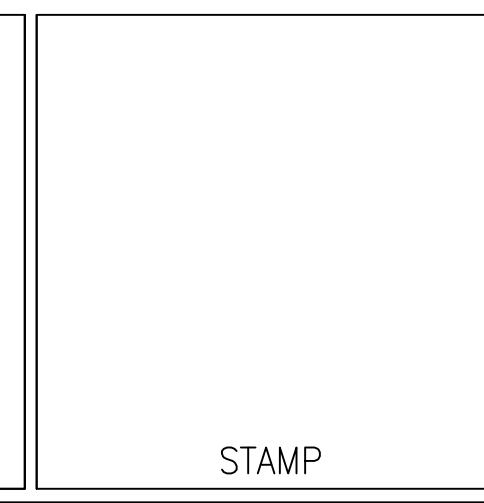
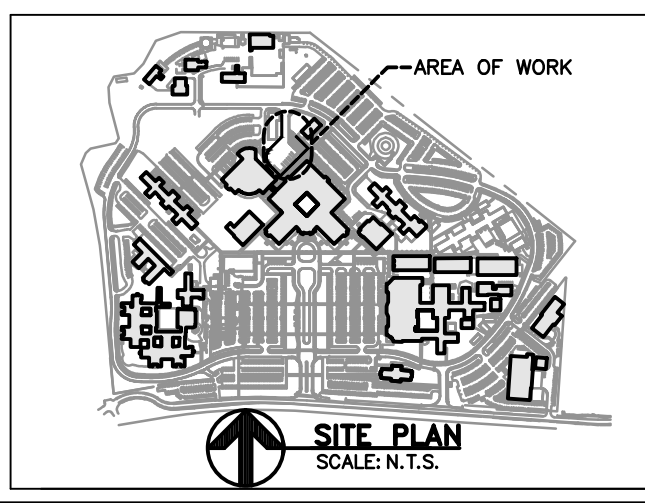
C GUARDRAIL PROGRESSIVE ELEVATION  
SCALE: 1/4" = 1'-0"



D GUARDRAIL PROGRESSIVE ELEVATION  
SCALE: 1/4" = 1'-0"

Revisions	Date
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CONSULTANTS:



ARCHITECT/ENGINEERS:

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PO# 13-308-23

Drawing Title:  
**ARCHITECTURAL  
GUARDRAIL ELEVATIONS**

Approved Project Director:

Project Title:  
**BUILDING 100  
NEW GUARDRAIL AT LOADING DOCK**

Location:  
**3801 MIRANDA AVE. PALO ALTO, CA**

Date:  
**JULY 2013**

Checked:  
**L. RIOS**

Drawn:  
**J. AGUIRRE**

Project Number:  
**640-13-1-102P**

Building Number:  
**100**

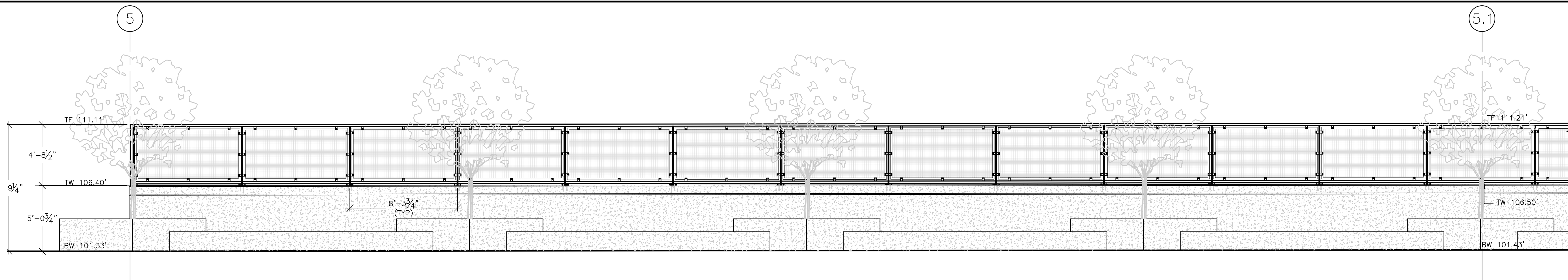
Drawing Number:  
**100-A-30-2.0**  
Dwg. 6 of 8

Office of  
Construction  
and Facilities  
Management

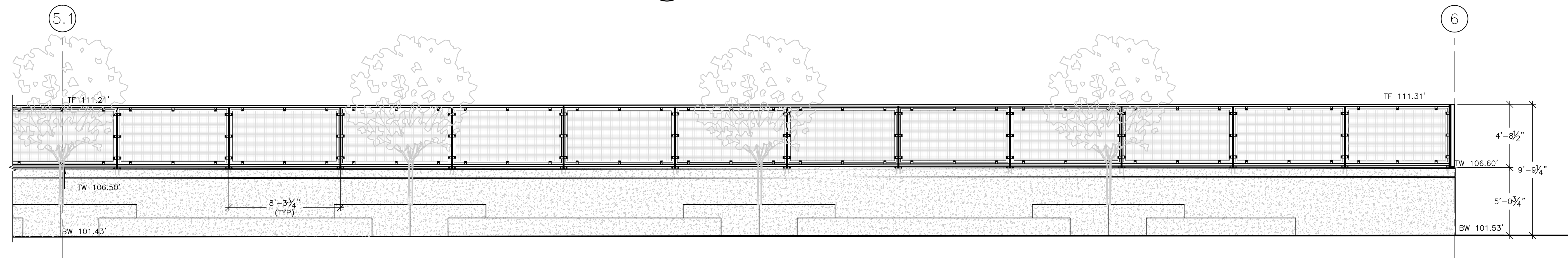
Department of  
Veterans Affairs



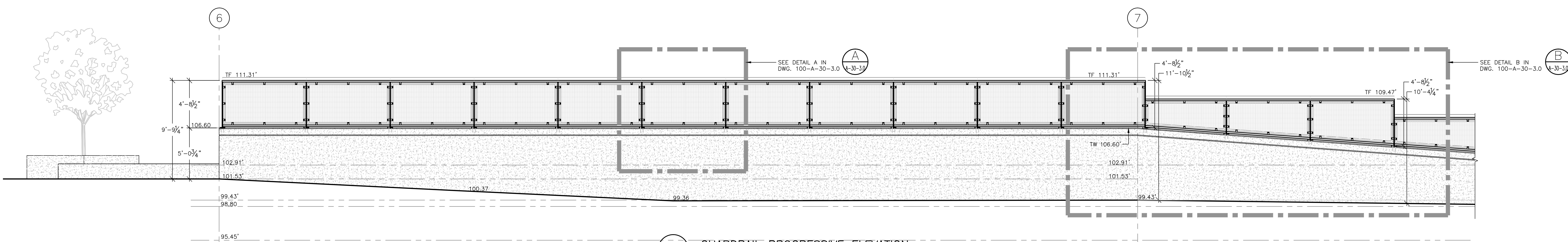
three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot



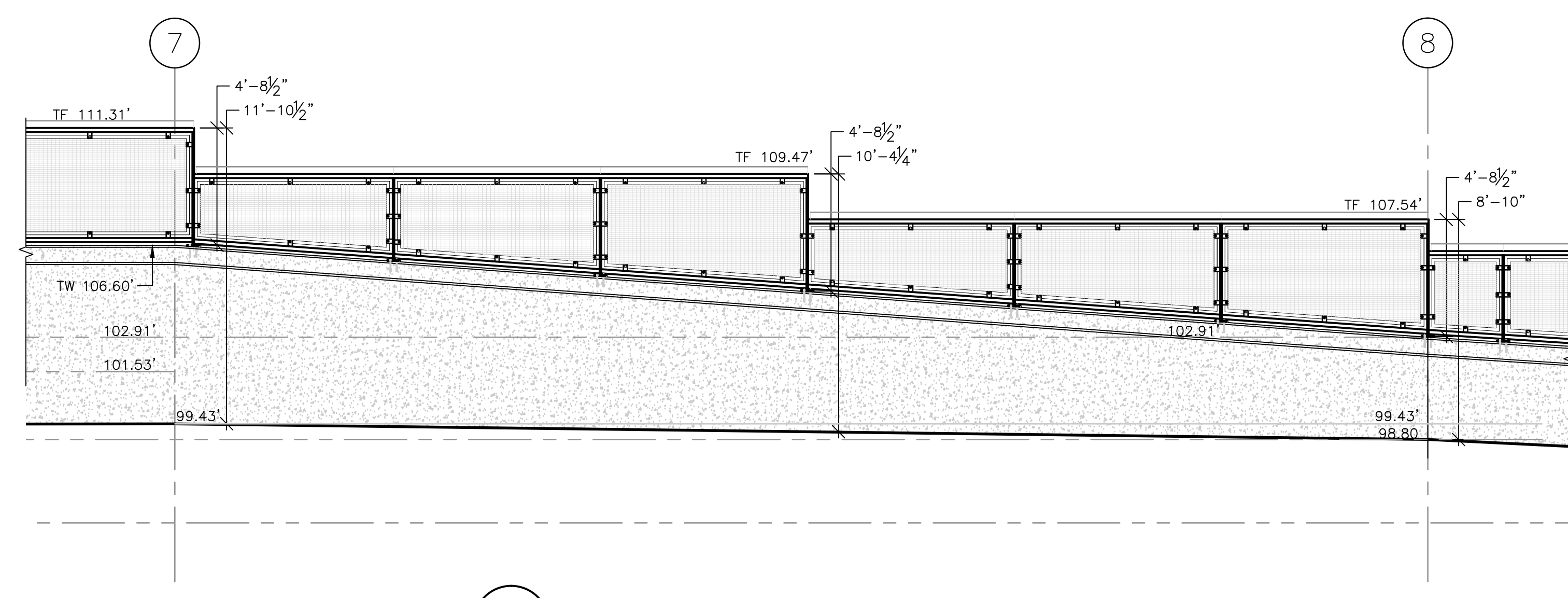
E GUARDRAIL PROGRESSIVE ELEVATION  
SCALE: 1/4" = 1'-0"



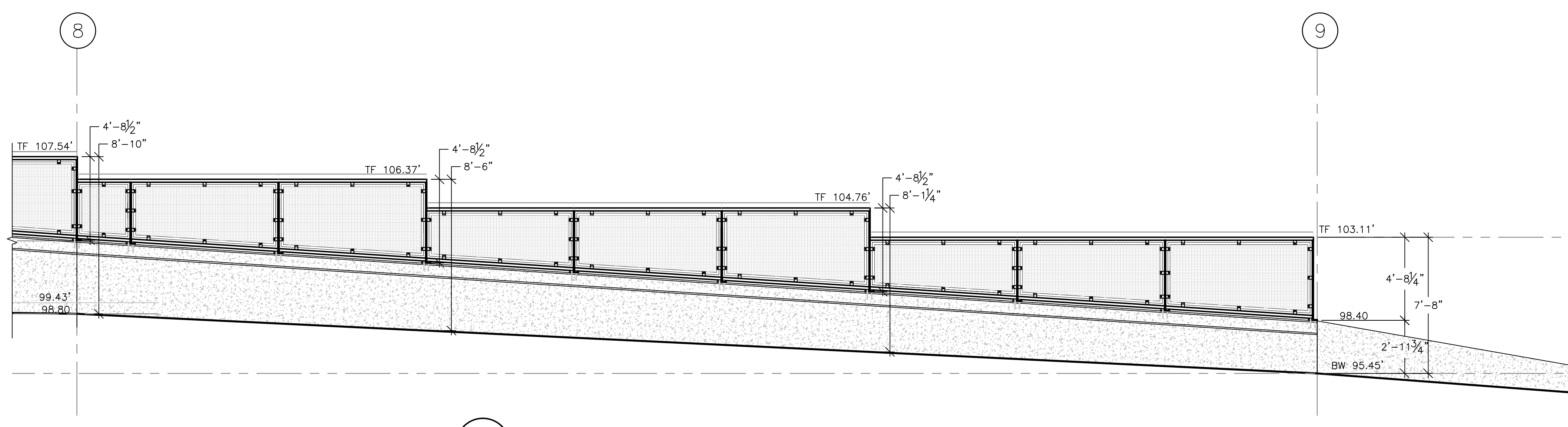
F GUARDRAIL PROGRESSIVE ELEVATION  
SCALE: 1/4" = 1'-0"



G GUARDRAIL PROGRESSIVE ELEVATION  
SCALE: 1/4" = 1'-0"



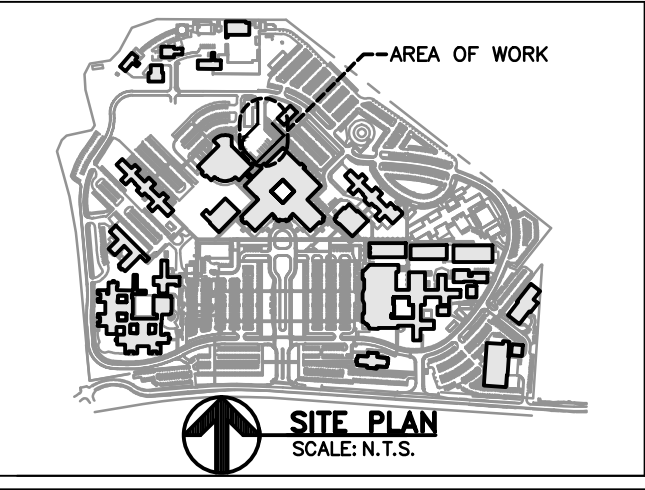
H GUARDRAIL PROGRESSIVE ELEVATION  
SCALE: 1/4" = 1'-0"



I GUARDRAIL PROGRESSIVE ELEVATION  
SCALE: 1/4" = 1'-0"

Revisions	Date
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35% SCHEMATIC DEVELOPMENT (13-105)	05/14/13
ISSUE FOR 50% CLIENT REVIEW (13-045)	03/08/13

CONSULTANTS:



STAMP

ARCHITECT/ENGINEERS:  
**ADVANCE DESIGN CONSULTANTS, INC.**  
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P: (408) 287-1881 F: (408) 294-3186 www.adcengineers.com  
PO# 13-308-23

Drawing Title:  
**ARCHITECTURAL GUARDRAIL ELEVATIONS**  
Approved Project Director:

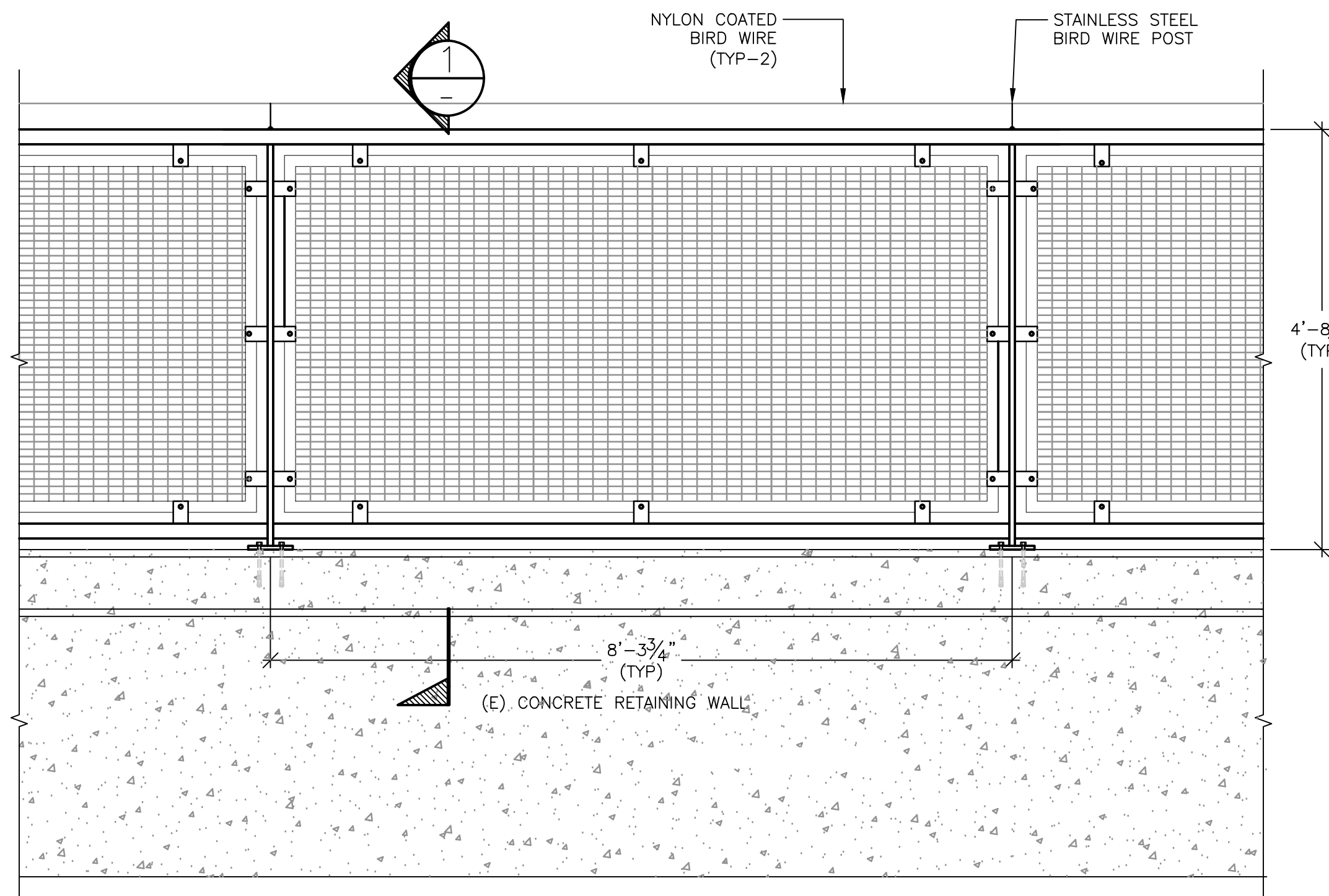
Project Title:  
**BUILDING 100 NEW GUARDRAIL AT LOADING DOCK**  
Location:  
**3801 MIRANDA AVE. PALO ALTO, CA**  
Date:  
**JULY 2013**

Project Number:  
**640-13-1-102P**  
Building Number:  
**100**  
Drawing Number:  
**100-A-30-21**  
Dwg. 7 of 8

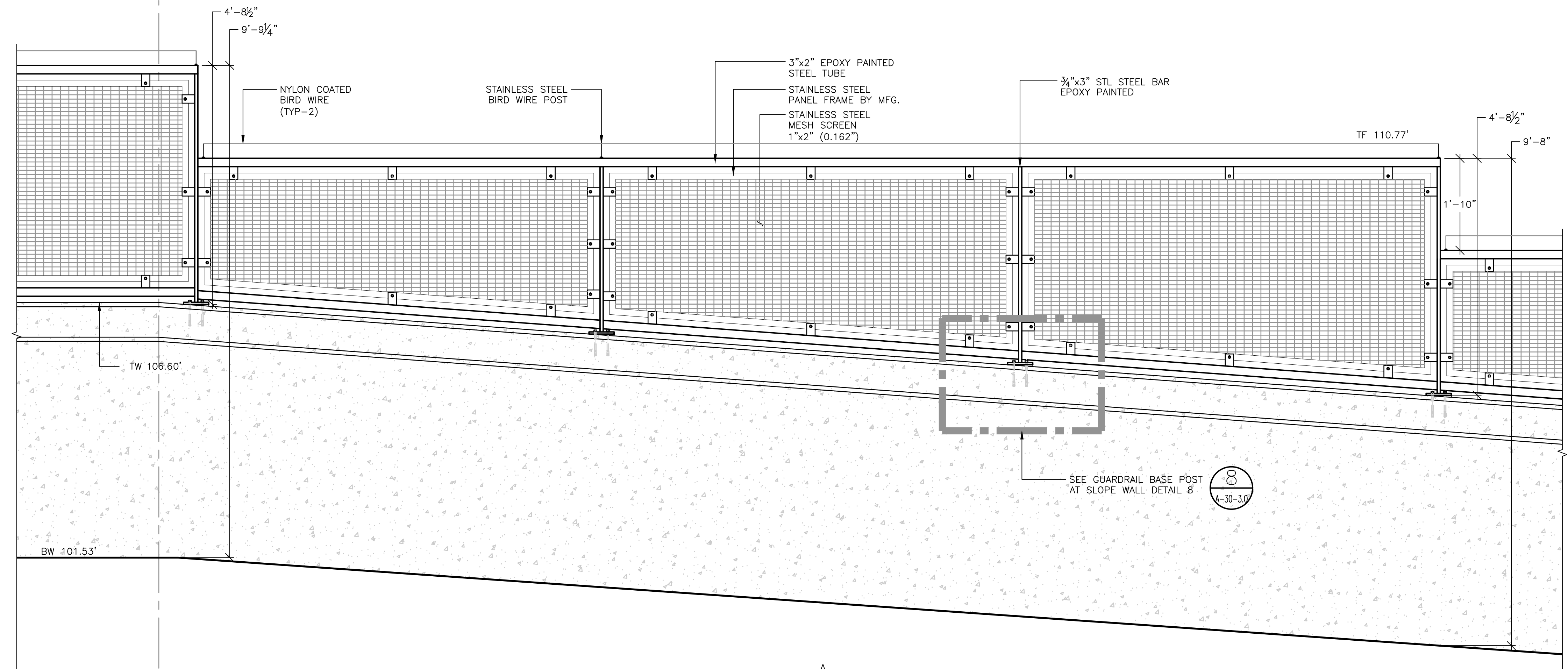
Office of Construction and Facilities Management  
Department of Veterans Affairs



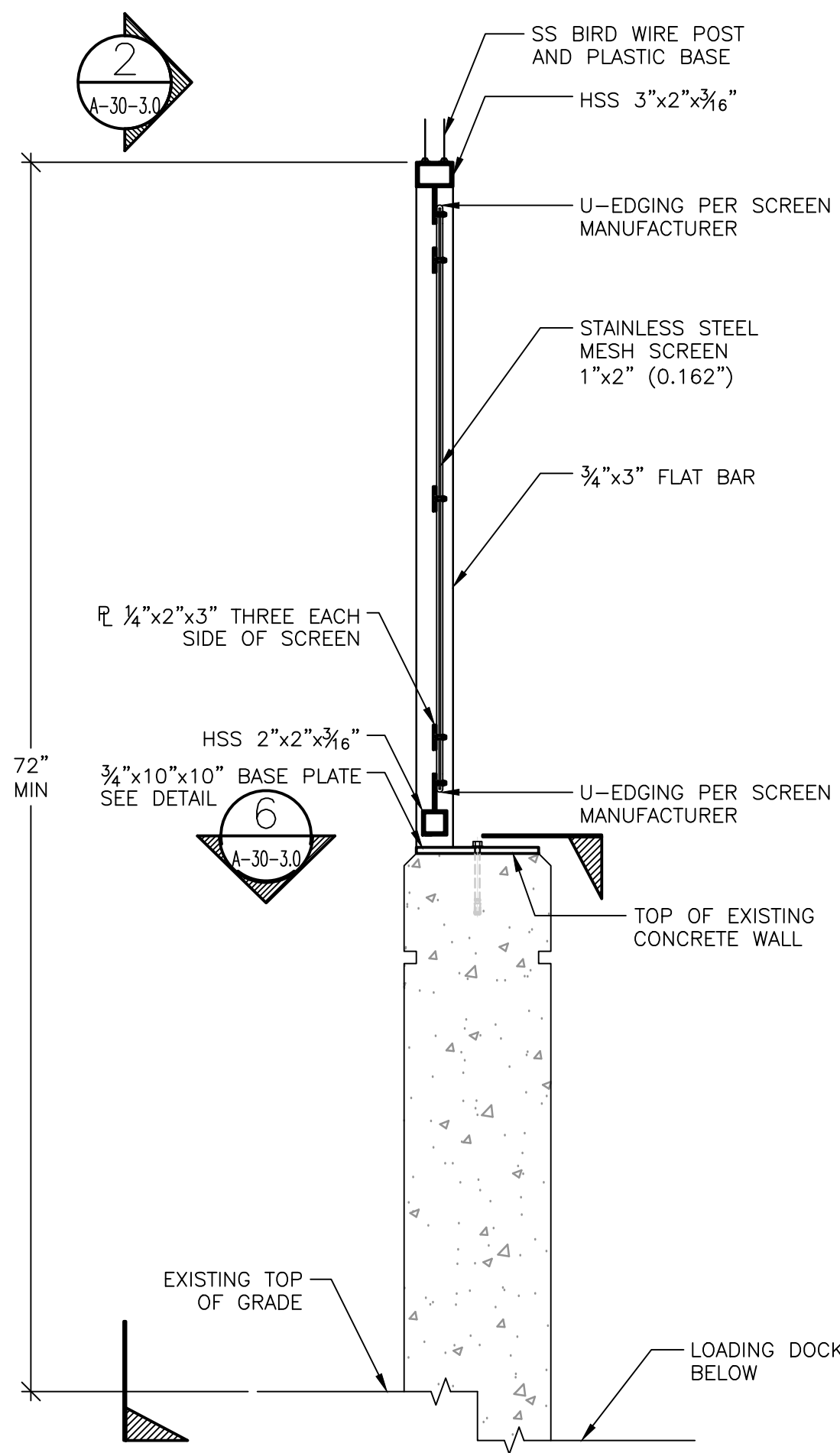
three inches = one foot  
one and one half inches = one foot  
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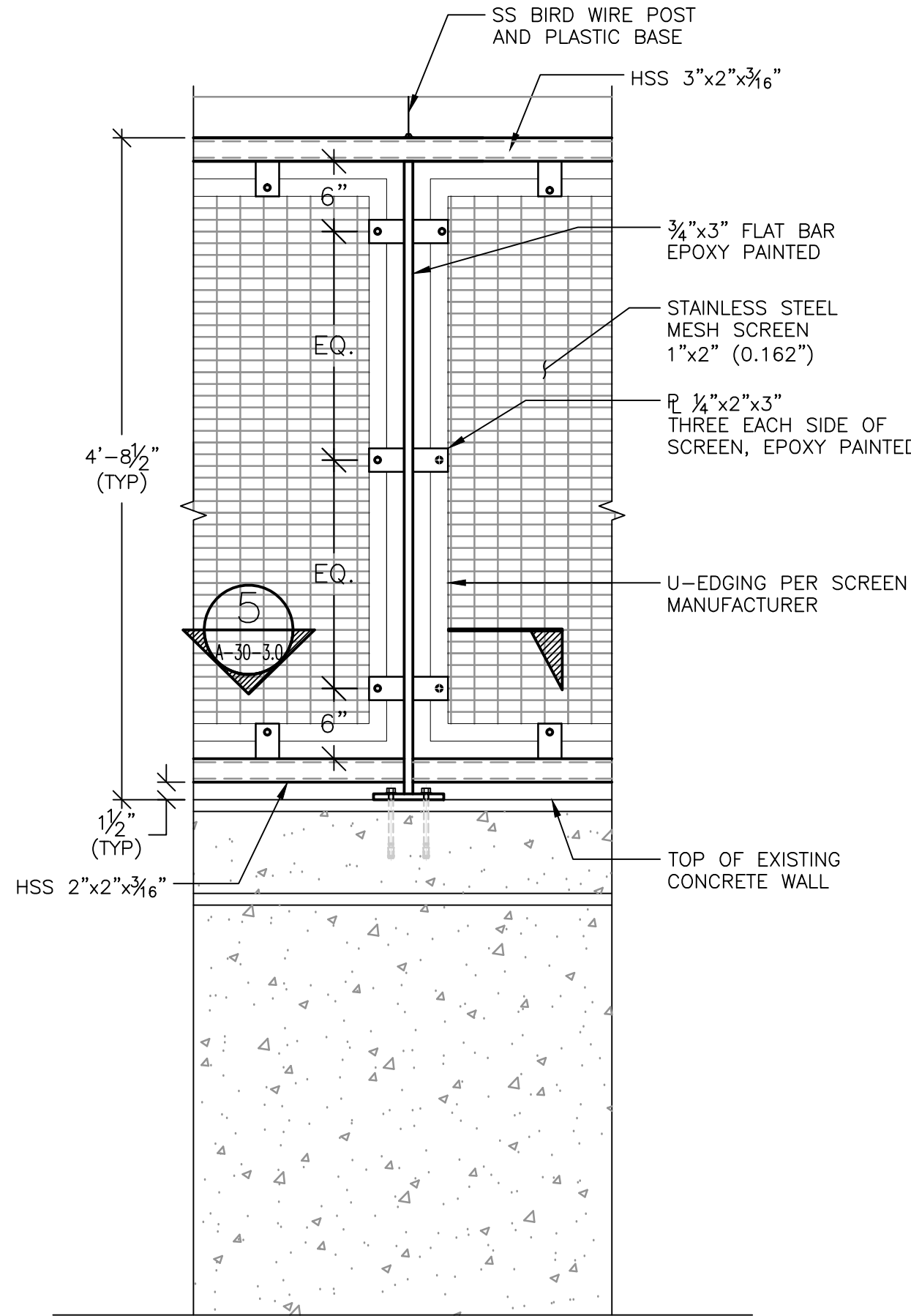
**A** NEW GUARDRAIL  
FRONTAL ELEVATION  
SCALE: 3/4" = 1'-0"



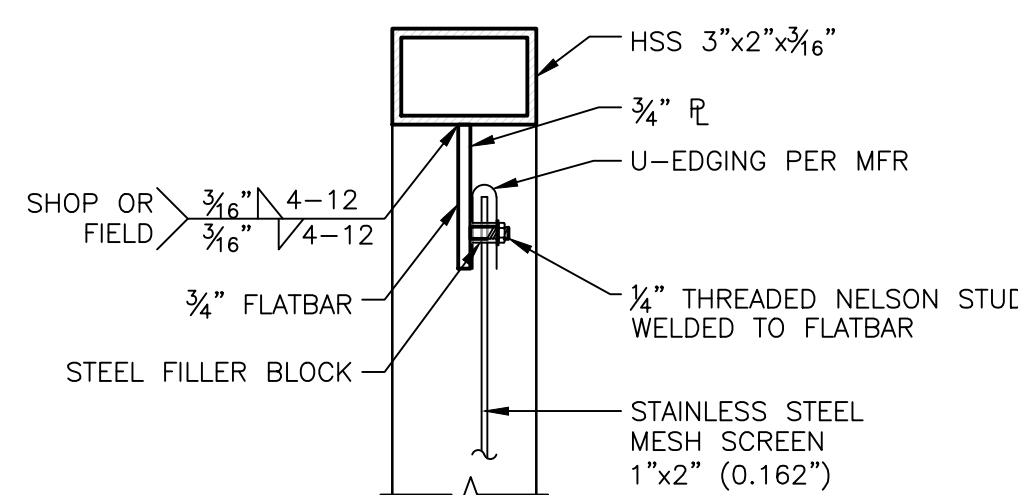
**B** NEW GUARDRAIL  
SLOPED ELEVATION  
SCALE: 3/4" = 1'-0"



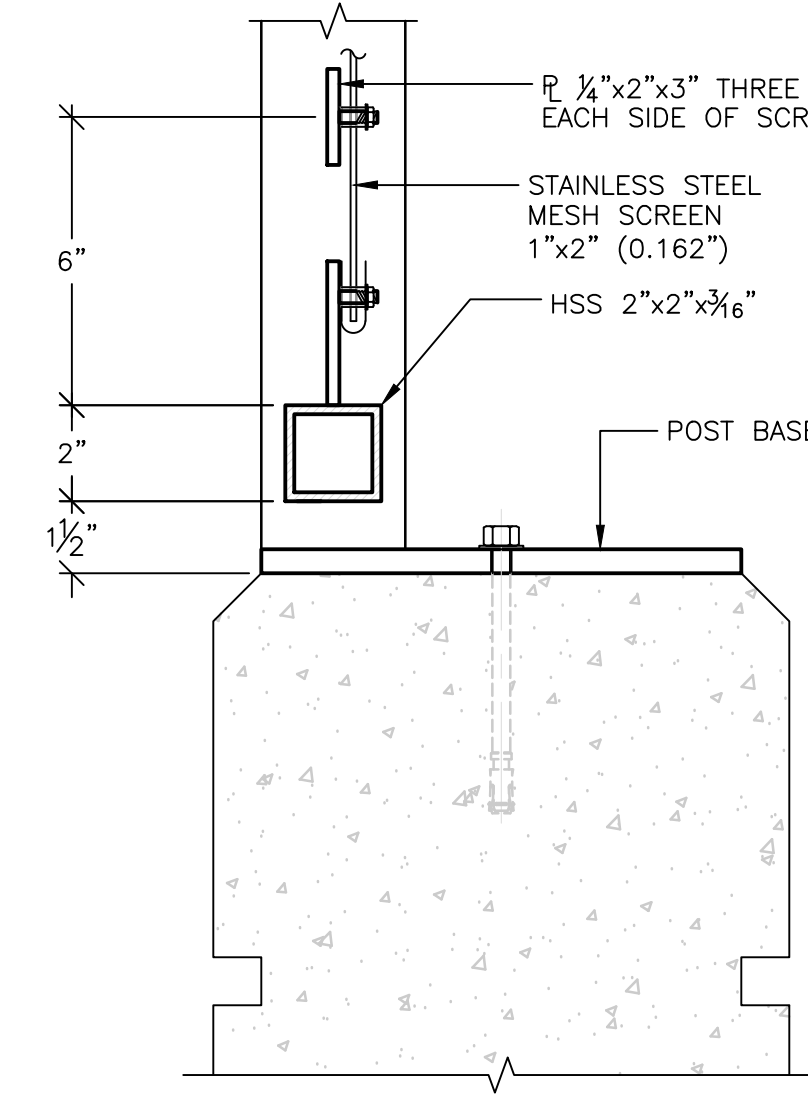
**1** GUARDRAIL SECTION  
SCALE: 1" = 1'-0"



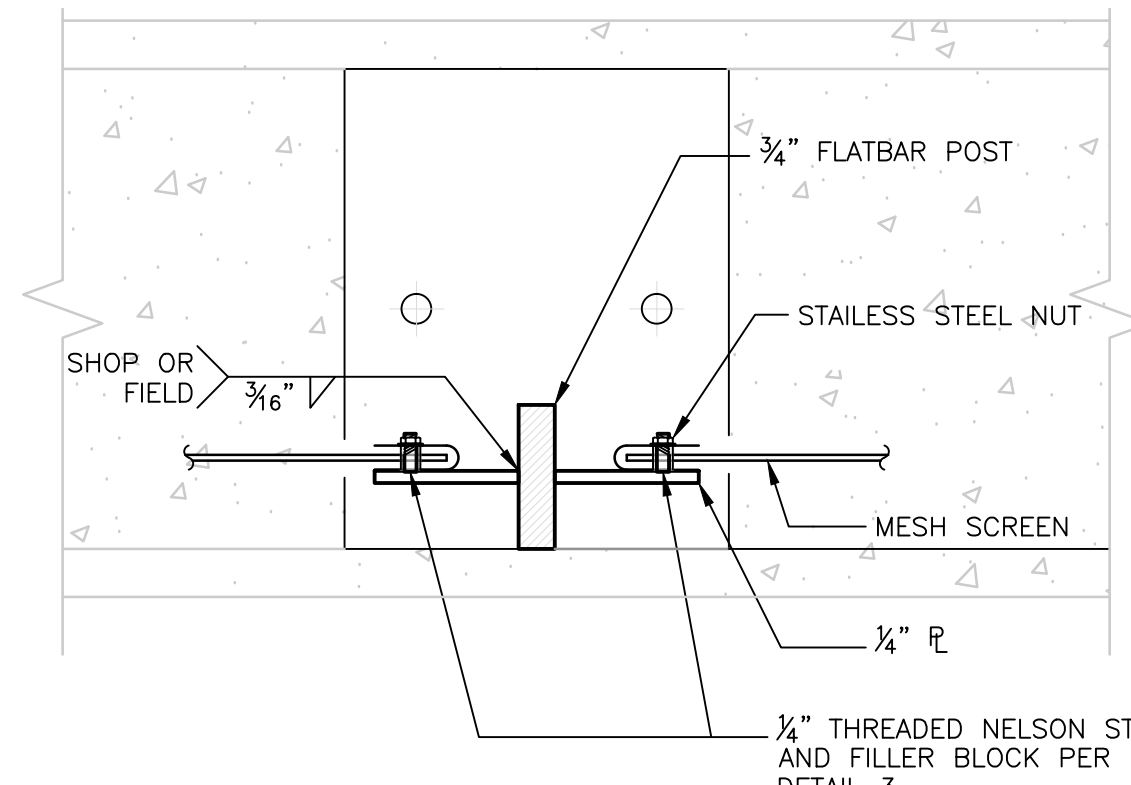
**2** GUARDRAIL SECTION  
SCALE: 1" = 1'-0"



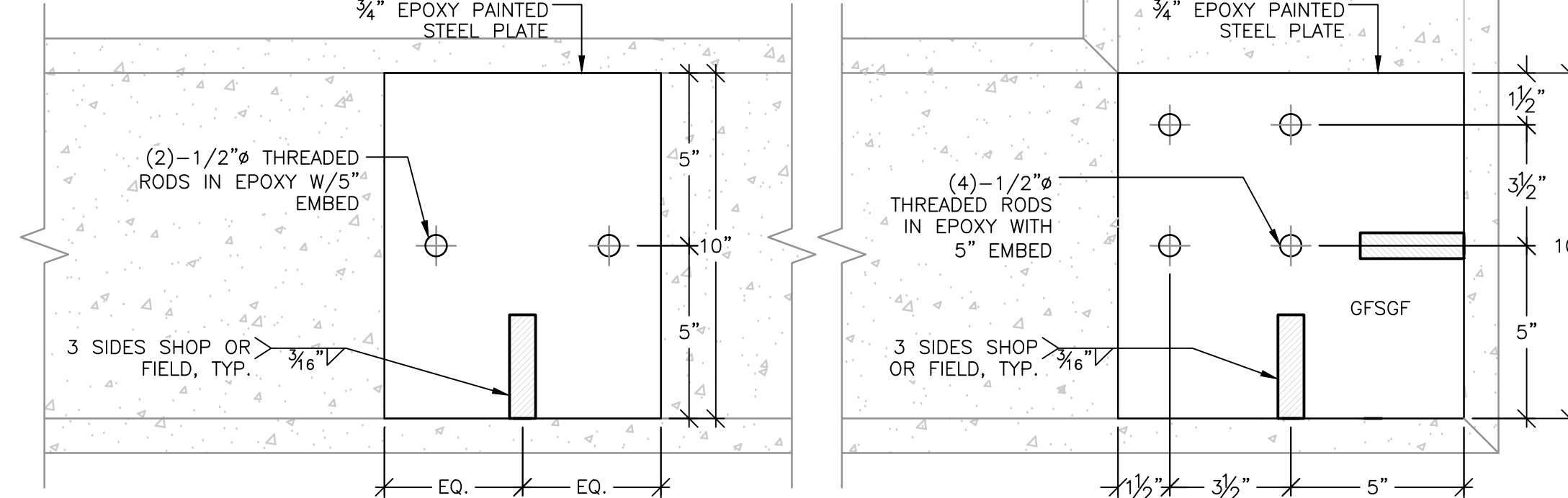
**3** TOP OF GUARDRAIL SECTION  
SCALE: N.T.S.



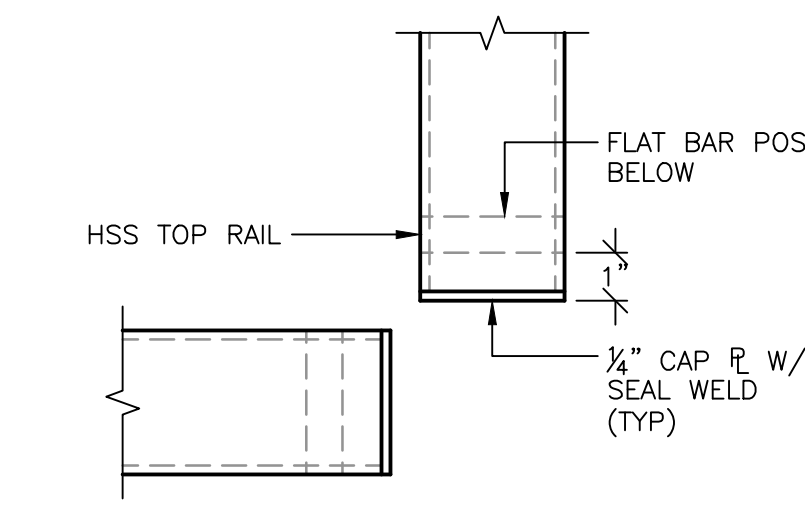
**4** GUARDRAIL BASE SECTION  
SCALE: N.T.S.



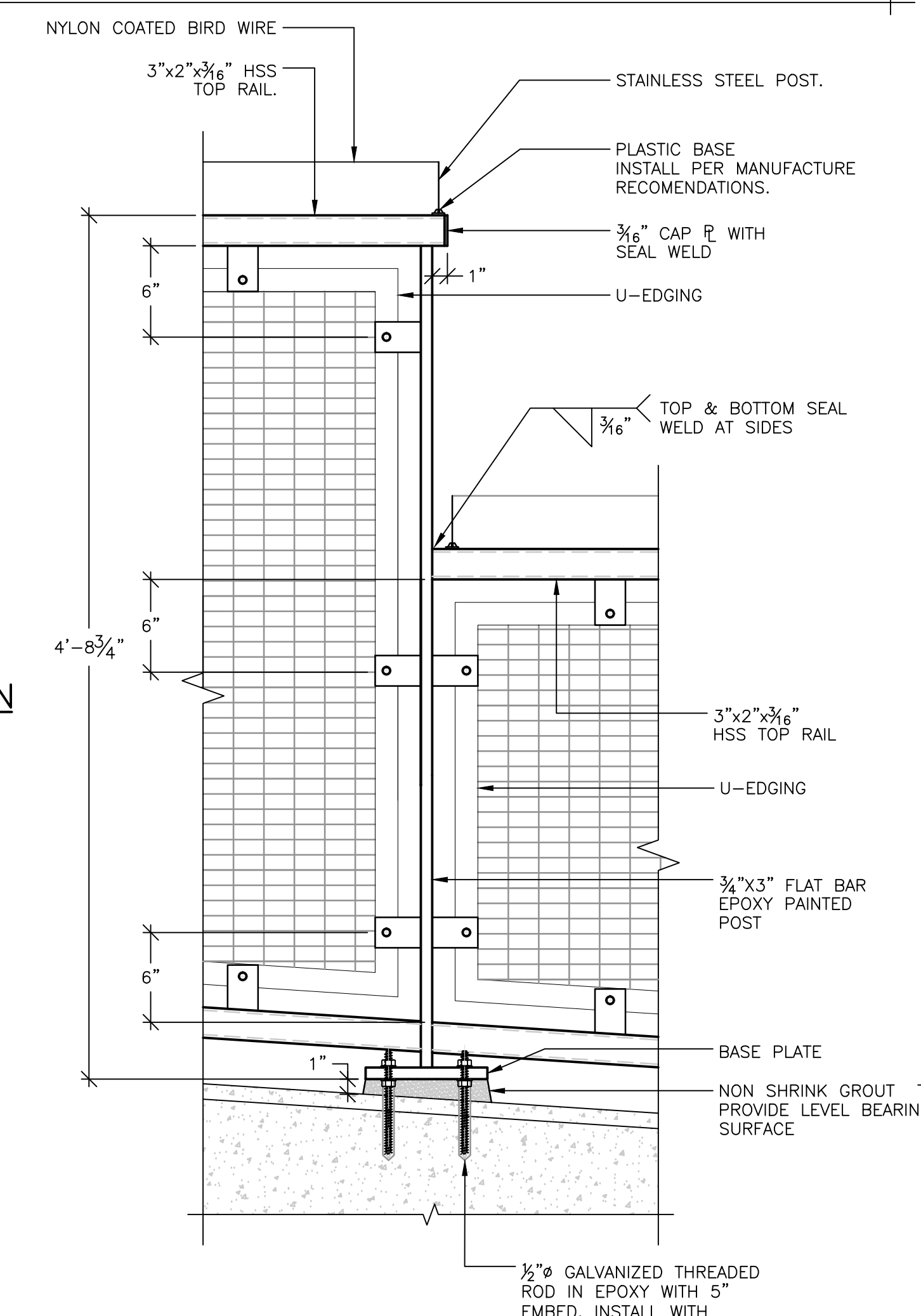
**5** GUARDRAIL BASE  
SCALE: N.T.S.



**6** TYPICAL POST BASE  
SCALE: N.T.S.



**7** TYPICAL CORNER CONDITION  
SCALE: N.T.S.



**9** GUARDRAIL BASE POST  
AT SLOPED WALL  
SCALE: N.T.S.

**GENERAL NOTES:**

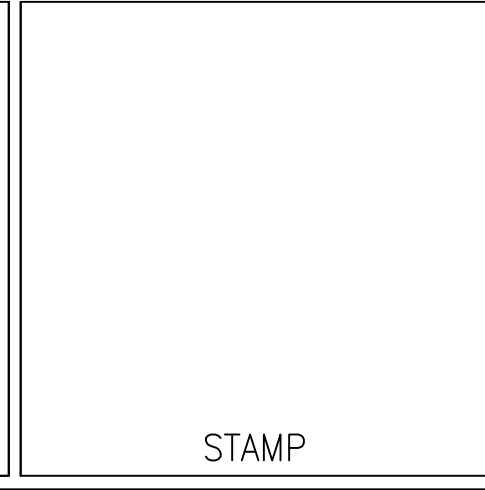
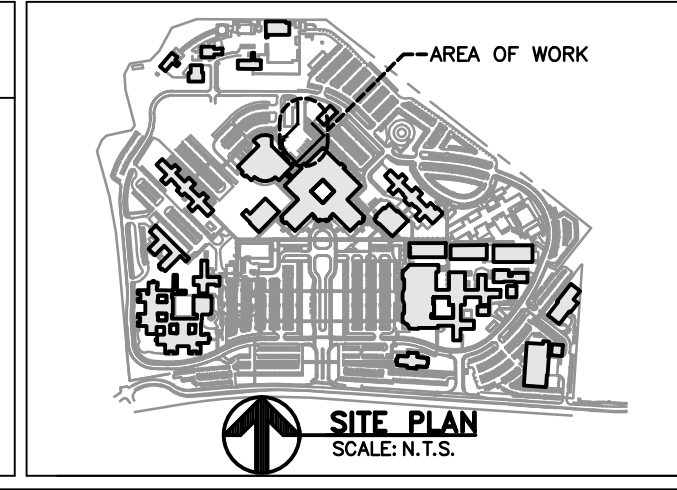
APPROXIMATE TOTAL HEIGHT OF EXISTING CONCRETE WALL FROM GRADE IS 3'-8". BARRIERS SHOULD BE DESIGNED WITH BOTH AESTHETICS AND SAFETY IN MIND WITH THE HEIGHTS OF BARRIERS NOT LESS THAN 72" ABOVE GRADE ON ALL LEVELS. WHERE A HANDRAIL CAN BE UTILIZED TO BOOST AN INDIVIDUAL, THE HEIGHT OF THE BARRIER SHOULD NOT BE LESS THAN 96" ABOVE THE GRADE ON ALL LEVELS.

**SHEET NOTES:**

- EPOXY ANCHOR NOTES:**
- EPOXY SHALL BE HILTI RE 500-SD (ICC ESR 2322) OR APPROVED EQUAL. INSTALL PER MANUFACTURERS DIRECTIONS.
  - PROVIDE SPECIAL INSPECTION OF ALL EPOXY ANCHOR INSTALLATION PER ICC REPORT.

Revisions	Date
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PO# 13-308-23

**Drawing Title:**  
**ARCHITECTURAL GUARDRAIL ELEVATIONS + DETAILS**

**Approved Project Director:**

**Project Title:**  
**BUILDING 100  
NEW GUARDRAIL AT LOADING DOCK**

**Location:**  
**3801 MIRANDA AVE. PALO ALTO, CA**

**Date:**  
**JULY 2013**

**Project Number:**  
**640-13-1-102P**

**Building Number:**  
**100**

**Drawing Number:**  
**100-A-30-3.0**  
Dwg. 8 of 8

**Office of Construction and Facilities Management**

**Department of Veterans Affairs**